

# NUS PROCESS SERVICES

July 15, 1983  
PS-53-0464  
Proposal No. 8307089

Mr. Lee Evan  
Union Carbide Metal Division  
P O Box 97  
Niagara Falls, New York 14302

Dear Mr. Evan

In regard to our recent phone conversation, NUS Process Services Corporation (NUSPSC) will be pleased to provide waste volume allocation services for Union Carbide.

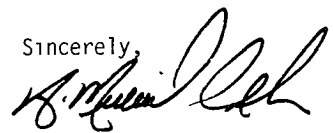
If selected, NUSPSC will provide this service for the fixed fee of \$250 per trip. On August 1, 1983, Union Carbide will be represented by NUSPSC at the Chem-Nuclear Systems, Inc. land burial facility in Barnwell, South Carolina in an attempt to obtain the desired amount of burial space for use in the month of November, 1983. You will receive verbal notification before the close of business that same day of the actual space received.

Additional volume allocation services will be performed by NUSPSC for the fixed fee of \$250 per trip. This price shall remain firm through December, 1983. Please provide seven (7) days advance notice if these services are required.

Enclosed you will find an example of a typical letter of authorization. In the event you wish NUSPSC to provide this service, please forward a similar letter from Union Carbide Metal Division addressed to Chem-Nuclear Systems, Inc. as shown in the enclosure. A copy of your letter to Chem-Nuclear should also be forwarded to my attention at NUS Process Services.

If NUSPSC can be of any further assistance in regard to your radioactive waste handling, packaging and transportation needs, please do not hesitate to contact the undersigned.

Sincerely,



H. Michael Anderson  
Manager, Waste Management Services

TECHNOLOGY DEPT - ENGINEERING

Refr'd to \_\_\_\_\_  
For \_\_\_\_\_

REC'D JUL 22 1983

Noted by \_\_\_\_\_  
File Number \_\_\_\_\_  
or Subject \_\_\_\_\_

HMA/ir

Enclosure

cc G. P. Motl  
R. E. Voit

 A Halliburton Company

1501 KEY ROAD COLUMBIA SC 29201 (803) 256-4355

UCCNHT0002750

C O M P A N Y   L E T T E R H E A D

Chem-Nuclear Systems, Inc.  
P O. Box 726  
Barnwell, South Carolina 29813

Attn Mr James Purvis  
- Director of Regulatory Affairs

Dear Mr. Purvis

This letter authorizes Mssrs Mike Anderson, Anthony Chavis, or Doug McLean of NUS Process Services Corporation to act as our agent to obtain burial space at the Chem-Nuclear site in Barnwell, South Carolina

If there are any questions regarding this matter, please contact \_\_\_\_\_  
\_\_\_\_\_ or \_\_\_\_\_ at \_\_\_\_\_ Tel # \_\_\_\_\_

Sincerely,

XX/yy

cc. Mike Anderson, NUSPSC

UCCNHT0002751

# NUS PROCESS SERVICES

October 18, 1983  
PS-53-0578

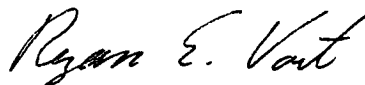
Mr. L. G. Evans  
Union Carbide Metal Division  
P.O. Box 97  
Niagara Falls, New York 14302

Dear Mr. Evans:

Chem-Nuclear Systems, Inc. has requested that waste volume allocation representatives be identified by name on all letters of authorization. Attached is a sample letter of authorization which should be forwarded to Chem-Nuclear Systems in Barnwell, S.C. with a copy to my attention.

If you have any questions regarding this matter, please do not hesitate to give me a call.

Sincerely,



Regan E. Voit  
Director  
Waste Management Services

REV/ir

Attachment

COMPANY LETTERHEAD

Chem-Nuclear Systems, Inc  
Post Office Box 726  
Barnwell, South Carolina 29813

Attn Mr. James Purvis  
Director of Regulatory Affairs

Dear-Mr. Purvis

This letter authorizes NUS Process Services Corporation to act as our agent for the purpose of obtaining burial space at the Chem-Nuclear site in Barnwell, South Carolina. Listed below are the NUS Process Services personnel who may be designated to act on our behalf in obtaining burial space

If there are any questions regarding this matter, please contact \_\_\_\_\_ (Your  
contact) \_\_\_\_\_ or \_\_\_\_\_ (Your contact) \_\_\_\_\_ at \_\_\_\_\_ (Tel #) \_\_\_\_\_

Sincerely,

ZZ/xx

cc R. E. Voit, NUSPSC

NUSPSC Personnel

Regan Voit	Anthony Chavis
Doug McLean	Tim Miller
Ray Meyer	Ricky Ray
Bob Chapman	Tim Hallman
Jim Sweatt	Dave McCoy
John Smith	Ricky Davis
Steve Burrell	Roger Betow

UCCNHT0002753



APPROVED BY SIGNATURE		TO BE USED FOR		L.G. Evans		278-3462		7/28/83		UCC -		NO. E-C-244-6749	
APPROVED BY-PRINT OR TYPE NAME		DATE		LAST P.O. NUMBER		DATE / AMOUNT		THIS ORDER NOT BINDING UNLESS UCC		VALIDATION APPEARS		PURCHASE ORDER DATE	
L.G. EVANS				11247		See Below						JUL 29 1983	

L.G. EVANS

PAGE 1 OF 2

P.O. Box 66, Niagara Falls, NY 14302

HEREINAFTER CALLED 'BUYER'

# UNION CARBIDE CORPORATION

METALS DIVISION

SHIP TO

UNION CARBIDE CORPORATION  
Metals Division



5885

## MAIL INVOICE IN DUPLICATE TO

UNION CARBIDE CORPORATION

Metals Division

P.O. Box 97

Niagara Falls, NY 14302

ATTN L.G. EVANS

HEREINAFTER CALLED 'SELLER'

BUYER HEREBY ORDERS UPON THE TERMS HEREIN CONTAINED INCLUDING THE ADDITIONAL TERMS ON THE REVERSE SIDE HEREOF

### TERMS OF PAYMENT

### TRANSPORTATION TERMS

### F O B POINT

SHIP TO ARRIVE BY	NET 30	% DISC	10 DAYS	10TH PROX	OTHER	PREPAID	OTHER	SHIP POINT	DEST	OTHER
See Below	X							1	2	3
TAX	TEXAS	TAX EXEMPTION NO	SHIP VIA	PARCEL POST	TRUCK	UPS	RAIL	AIR FRT	OTHER (SPECIFY ROUTING)	BUYER
YES	NO								DNA	
COM CODE	VENDOR CODE		REC LOC							
3770 F										

ITEM NO	QUANTITY RECEIVED	X	CA	QUANTITY ORDERED	U / M	DESCRIPTION	UNIT PRICE	STORES ACCOUNT	MATERIAL CODE ACCOUNT	SUB	FIRST NO	SECOND NO	SHOP ORDER
1					EA	Period: Aug. 1, 1983 thru Dec. 31, 1983	\$ 250.00		740-885-88-1167-13				
						Cost per meeting to represent Union Carbide Corporation at Chem Nuclear Systems, Barnwell, South Carolina burial site, for the purpose of obtaining burial space on a monthly basis. Union Carbide Corporation representative, L.G. Evans, will notify NUS Process Corporation approximately seven (7) days prior to the first day of each following month as to whether this							
						(Con't.)							

REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION	
PURCHASING AGENT'S NAME	D.H. McGuire
TYPE OR PRINT NAME	

☒ THIS ORDER SUPERSEDES ORAL ORDER OF 7/27/83 WITH Regan Voit DO NOT DUPLICATE  
DATE VENDOR REPRESENTATIVE

☐ PLEASE RETURN ACKNOWLEDGMENT FORM ATTACHED

RECEIVED

AUG 1 1983

PURCHASING DEPARTMENT

Dennis A. McGuire  
PURCHASING AGENT



PAGE NO. 2 OF 2 OF ORDER NO. \_\_\_\_\_

IS TO BE CONSIDERED A PART OF SAID ORDER AND TO BE GOVERNED IN ALL RESPECTS BY THE ADDITIONAL TERMS CONTAINED ON THE FIRST PAGE OF THIS ORDER

UCCNHT0002755

# Certificate of Insurance

**acord**

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER.  
THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY <b>Marsh &amp; McLennan, Inc.</b> 1221 Avenue of the Americas New York, NY 10020	<b>COMPANIES AFFORDING COVERAGES</b> COMPANY LETTER <b>A</b> American Motorists Insurance Co. COMPANY LETTER <b>B</b> COMPANY LETTER <b>C</b> COMPANY LETTER <b>D</b> COMPANY LETTER <b>E</b>
NAME AND ADDRESS OF INSURED <b>Union Carbide Corporation</b> Old Ridgebury Road Danbury, CT 06817	

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)		
					EACH OCCURRENCE	AGGREGATE
A	<b>GENERAL LIABILITY</b>	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY	\$ 500	\$ 1,000
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM			PROPERTY DAMAGE	\$ 500	\$ 1,000
	<input type="checkbox"/> PREMISES—OPERATIONS					
	<input type="checkbox"/> EXPLOSION AND COLLAPSE HAZARD					
	<input type="checkbox"/> UNDERGROUND HAZARD					
	<input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
	<input type="checkbox"/> CONTRACTUAL INSURANCE					
	<input type="checkbox"/> BROAD FORM PROPERTY DAMAGE					
	<input type="checkbox"/> INDEPENDENT CONTRACTORS					
	<input type="checkbox"/> PERSONAL INJURY			PERSONAL INJURY		\$
A	<b>AUTOMOBILE LIABILITY</b>	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY (EACH PERSON)	\$ 500	
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM			BODILY INJURY (EACH ACCIDENT)	\$ 500	
	<input type="checkbox"/> OWNED			PROPERTY DAMAGE	\$ 500	
	<input type="checkbox"/> HIRED			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	
	<input type="checkbox"/> NON-OWNED					
	<b>EXCESS LIABILITY</b>			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
	<input type="checkbox"/> UMBRELLA FORM					
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					
	<b>WORKERS' COMPENSATION and EMPLOYERS' LIABILITY</b>			STATUTORY		
					\$	(EACH ACCIDENT)
	<b>OTHER</b>					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES Anywhere in the U.S.A.

**Cancellation** Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER  
**Chief Bureau of Radiological Health**  
**South Carolina Dept. of Health & Environmental Control**  
**2600 Bull St.**  
**Columbia, SC 29201**

DATE ISSUED April 6, 1984  
*C.H. Teves*  
 AUTHORIZED REPRESENTATIVE

# Certificate of Insurance

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NAME AND ADDRESS OF INSURED  <b>Union Carbide Corporation</b> Old Ridgebury Road Danbury, CT 06817	

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)		
					EACH OCCURRENCE	AGGREGATE
<b>A</b>	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMPREHENSIVE FORM <input type="checkbox"/> PREMISES—OPERATIONS <input type="checkbox"/> EXPLOSION AND COLLAPSE HAZARD <input type="checkbox"/> UNDERGROUND HAZARD <input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD <input type="checkbox"/> CONTRACTUAL INSURANCE <input type="checkbox"/> BROAD FORM PROPERTY DAMAGE <input type="checkbox"/> INDEPENDENT CONTRACTORS <input type="checkbox"/> PERSONAL INJURY	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY	\$ 500	\$ 1,000
				PROPERTY DAMAGE	\$ 500	\$ 1,000
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
				PERSONAL INJURY		\$
<b>A</b>	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> COMPREHENSIVE FORM <input type="checkbox"/> OWNED <input type="checkbox"/> HIRED <input type="checkbox"/> NON-OWNED	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY (EACH PERSON)	\$ 500	
				BODILY INJURY (EACH ACCIDENT)	\$ 500	
				PROPERTY DAMAGE	\$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	
	<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
	<b>WORKERS' COMPENSATION and EMPLOYERS' LIABILITY</b>			STATUTORY		\$ (EACH ACCIDENT)
	<b>OTHER</b>					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES Anywhere in the U.S.A.

**Cancellation** Should any of the above described policies be cancelled before the expiration date thereof the issuing company will endeavor to mail 30 days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company

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**Chief Bureau of Radiological Health**  
**South Carolina Dept. of Health & Environmental Control**  
**2600 Bull St.**  
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NAME AND ADDRESS OF INSURED <b>Union Carbide Corporation</b> Old Ridgebury Road Danbury, CT 06817	

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

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	<input checked="" type="checkbox"/> COMPREHENSIVE FORM			PROPERTY DAMAGE	\$ 500	\$ 1,000
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	<input type="checkbox"/> UNDERGROUND HAZARD					
	<input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD					
	<input type="checkbox"/> CONTRACTUAL INSURANCE					
	<input type="checkbox"/> BROAD FORM PROPERTY DAMAGE					
	<input type="checkbox"/> INDEPENDENT CONTRACTORS					
	<input type="checkbox"/> PERSONAL INJURY					
<b>A</b>	<b>AUTOMOBILE LIABILITY</b>	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY (EACH PERSON)	\$ 500	
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	<input type="checkbox"/> OWNED			PROPERTY DAMAGE	\$ 500	
	<input type="checkbox"/> HIRED			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	
	<input type="checkbox"/> NON OWNED					
	<b>EXCESS LIABILITY</b>					
	<input type="checkbox"/> UMBRELLA FORM					
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					
	<b>WORKERS' COMPENSATION and EMPLOYERS' LIABILITY</b>			STATUTORY		
	<b>OTHER</b>				\$	(EACH ACCIDENT)

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES Anywhere in the U.S.A.

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**South Carolina Dept. of Health & Environmental Control**  
**2600 Bull St.**  
**Columbia, SC 29201**

DATE ISSUED April 6, 1984

*C. H. Teves*

AUTHORIZED REPRESENTATIVE

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
APPLICATION FOR RADIOACTIVE WASTE TRANSPORT PERMIT

**Instructions:** Complete Items 1 through 8. Submit original and one copy to Chief, Bureau of Radiological Health, S.C. Dept. of Health and Environmental Control, 2600 Bull Street, Columbia, S.C. 29201. All copies must be signed and dated. Additional sheets may be used if necessary. Upon approval, the Department will return one copy with your transport permit. All permit fees should be made payable to the S.C. Dept. of Health and Environmental Control, Bureau of Finance, 2600 Bull Street, Columbia, S.C. 29201. Please note on remittance, "For Radioactive Waste Transport Permit."

**Note:** Radioactive Waste Transport Permits may be purchased for more than one facility or location of a company, corporation, etc. However, an application shall be submitted for each facility to include the additional fee and the required certificate of insurance or bond.

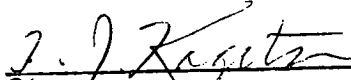
1. Name and Address of Applicant (Shipper):  Union Carbide Corporation Metals Division P.O. Box 97 Niagara Falls, NY 14302	2. Person responsible for Radioactive Waste shipment: (a) Name: Lee G. Evans (b) Title: Project Engineer (c) Address: P.O. Box 97, Niagara Falls, NY (d) Telephone: (716) - 278-3462
3. Locations from which waste will be shipped if application is for more than one facility. (a) Niagara Falls, NY (b) Marietta, OHIO	4. NRC or Agreement State Radioactive Material License No. for each location. (a) 950-0139 (b) SMB - 933
5. Estimated Annual Cubic Footage.  6000	6. Amount of permit fee remitted.  \$500

## Information to be Submitted as Attachment

7. A Certificate of Liability Insurance shall be submitted as evidence of financial ability to protect the State of South Carolina and the public at large from possible radiological injury or damage due to packaging, transportation, disposal, storage, or delivery of radioactive waste. For those applicants not maintaining liability insurance, they must deposit and maintain with the Department a cash or corporate surety bond in the amount of Five Hundred Thousand Dollars (\$500,000.00).

## CERTIFICATE

8. In compliance with Act No. 429 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named applicant (shipper) to the South Carolina Department of Health and Environmental Control that: (A) the above-named applicant (shipper) will comply fully with all applicable laws and administrative rules and regulations, both State and Federal, and any disposal facility radioactive material license requirements regarding the packaging, transportation, storage, disposal, and delivery of such wastes; (B) the above-named applicant (shipper) will hold the State of South Carolina harmless for all claims, actions, proceedings in law or equity arising out of radiological injury or damages to persons or property occurring during the transportation of its radioactive waste into or within the State including all costs defending same; provided, however, that nothing contained herein shall be construed as a waiver of the State's sovereign immunity; (C) the above-named applicant (shipper) has current copies of the Regulations for the Transportation of Radioactive Waste into or within the State of South Carolina, DOT Regulations 49 CFR Parts 171-179, and when applicable, the disposal site radioactive material license and the disposal site waste acceptance criteria; (D) the above-named applicant (shipper) has prepared this application to conform with South Carolina Department of Health and Environmental Control Regulation for Transportation of Radioactive Waste Into or Within South Carolina, and that all information contained herein, including any required supplements attached hereto, is true and correct to the best of my knowledge and belief.

Date April 9, 1984T. J. Kagetsu, Assistant Director- Engineering  
Typed Name and Title of Agent of  
Applicant (Shipper)  
Signature

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
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Note: Radioactive Waste Transport Permits may be purchased for more than one facility or location of a company, corporation, etc. However, an application shall be submitted for each facility to include the additional fee and the required certificate of insurance or bond.

1. Name and Address of Applicant (Shipper):	2. Person responsible for Radioactive Waste shipment: (a) Name: (b) Title: (c) Address: (d) Telephone:
3. Locations from which waste will be shipped if application is for more than one facility. (a) (b)	4. NRC or Agreement State Radioactive Material License No. for each location. (a) (b)
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Date \_\_\_\_\_

Typed Name and Title of Agent of  
Applicant (Shipper)

Signature \_\_\_\_\_

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APPLICATION FOR RADIOACTIVE WASTE TRANSPORT PERMIT

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5. Estimated Annual Cubic Footage.	6. Amount of permit fee remitted.

Information to be Submitted as Attachment

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Date \_\_\_\_\_

Typed Name and Title of Agent of  
Applicant (Shipper)

Signature \_\_\_\_\_



# Certificate of Insurance

**ACORD**

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER.  
THIS CERTIFICATE DOES NOT AMEND, REPEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY <b>Marsh &amp; McLennan, Inc.</b> 1221 Avenue of the Americas New York, NY 10020	<b>COMPANIES AFFORDING COVERAGES</b> COMPANY LETTER <b>A</b> American Motorists Insurance Co. COMPANY LETTER <b>B</b> COMPANY LETTER <b>C</b> COMPANY LETTER <b>D</b> COMPANY LETTER <b>E</b>
NAME AND ADDRESS OF INSURED <b>Union Carbide Corporation</b> Old Ridgebury Road Danbury, CT 06817	

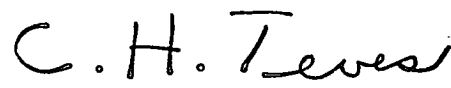
This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)		
					EACH OCCURRENCE	AGGREGATE
<b>A</b>	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMPREHENSIVE FORM <input type="checkbox"/> PREMISES—OPERATIONS <input type="checkbox"/> EXPLOSION AND COLLAPSE HAZARD <input type="checkbox"/> UNDERGROUND HAZARD <input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD <input type="checkbox"/> CONTRACTUAL INSURANCE <input type="checkbox"/> BROAD FORM PROPERTY DAMAGE <input type="checkbox"/> INDEPENDENT CONTRACTORS <input type="checkbox"/> PERSONAL INJURY	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY	\$ 500	\$ 1,000
				PROPERTY DAMAGE	\$ 500	\$ 1,000
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
				PERSONAL INJURY		\$
<b>A</b>	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> COMPREHENSIVE FORM <input type="checkbox"/> OWNED <input type="checkbox"/> HIRED <input type="checkbox"/> NON OWNED	3ZM 578 450-01	Eff. 1/1/84 until canc.	BODILY INJURY (EACH PERSON)	\$ 500	
				BODILY INJURY (EACH ACCIDENT)	\$ 500	
				PROPERTY DAMAGE	\$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	
	<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
				STATUTORY		
	<b>WORKERS' COMPENSATION and EMPLOYERS' LIABILITY</b>				\$	(EACH ACCIDENT)
	<b>OTHER</b>					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES Anywhere in the U.S.A.

**Cancellation** Should any of the above described policies be cancelled before the expiration date thereof the issuing company will endeavor to mail 30 days written notice to the below named certificate holder but failure to mail such notice shall impose no obligation or liability of any kind upon the company

NAME AND ADDRESS OF CERTIFICATE HOLDER  
**Chief Bureau of Radiological Health**  
**South Carolina Dept. of Health & Environmental Control**  
**2600 Bull St.**  
**Columbia, SC 29201**

DATE ISSUED April 6, 1984  
  
 AUTHORIZED REPRESENTATIVE

# Certificate of Insurance



THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER.  
THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY  <b>Marsh &amp; McLennan, Inc.</b> 1221 Avenue of the Americas New York, NY 10020	<b>COMPANIES AFFORDING COVERAGES</b>  COMPANY LETTER <b>A</b> American Motorists Insurance Co.  COMPANY LETTER <b>B</b>  COMPANY LETTER <b>C</b>  COMPANY LETTER <b>D</b>  COMPANY LETTER <b>E</b>
NAME AND ADDRESS OF INSURED  <b>Union Carbide Corporation</b> Old Ridgebury Road Danbury, CT 06817	

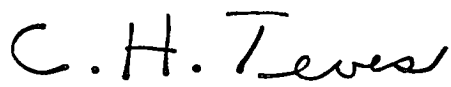
This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY - EXPIRATION DATE	Limits of Liability in Thousands (000)		
					EACH OCCURRENCE	AGGREGATE
<b>A</b>	<b>GENERAL LIABILITY</b>	<b>3ZM 578 450-01</b>	<b>Eff. 1/1/84 until canc.</b>	BODILY INJURY	\$ 500	\$ 1,000
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM			PROPERTY DAMAGE	\$ 500	\$ 1,000
	<input type="checkbox"/> PREMISES—OPERATIONS					
	<input type="checkbox"/> EXPLOSION AND COLLAPSE HAZARD					
	<input type="checkbox"/> UNDERGROUND HAZARD					
	<input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS HAZARD	<b>3ZM 578 450-01</b>	<b>Eff. 1/1/84 until canc.</b>	BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
	<input type="checkbox"/> CONTRACTUAL INSURANCE					
	<input type="checkbox"/> BROAD FORM PROPERTY DAMAGE					
	<input type="checkbox"/> INDEPENDENT CONTRACTORS					
	<input type="checkbox"/> PERSONAL INJURY					
	<b>AUTOMOBILE LIABILITY</b>	<b>3ZM 578 450-01</b>	<b>Eff. 1/1/84 until canc.</b>	BODILY INJURY (EACH PERSON)	\$ 500	
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM			BODILY INJURY (EACH ACCIDENT)	\$ 500	
	<input type="checkbox"/> OWNED			PROPERTY DAMAGE	\$ 500	
	<input type="checkbox"/> HIRED			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	
	<input type="checkbox"/> NON OWNED					
	<b>EXCESS LIABILITY</b>			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$	\$
	<input type="checkbox"/> UMBRELLA FORM					
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					
	<b>WORKERS' COMPENSATION and EMPLOYERS' LIABILITY</b>			STATUTORY	\$	(EACH ACCIDENT)
	<b>OTHER</b>					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES **Anywhere in the U.S.A.**

**Cancellation** Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the below named certificate holder but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER  
**Chief Bureau of Radiological Health**  
**South Carolina Dept. of Health & Environmental Control**  
**2600 Bull St.**  
**Columbia, SC 29201**

DATE ISSUED April 6, 1984  
  
 AUTHORIZED REPRESENTATIVE



UMETCO MINERALS CORPORATION  
~~UNION CARBIDE CORPORATION~~

No 41318

FIRST NATIONAL BANK  
Grand Junction, Colorado

Grand Junction, Colorado April 9, 1984

PAY

UNION CARBIDE 500.00

\$500.00

82 39/1021

TO  
THE  
ORDER  
OF

South Carolina Dept. of Health &  
Environmental Control  
Bureau of Finance  
2600 Ball Street  
Columbia, SC 29201

~~METALS DIVISION~~  
Operating Account

SIGNED

COUNTERSIGNED

CASH PROMPTLY, NOT VALID AFTER 60 DAYS

"00041318" 1021003901 088 141 2"

UCCNHT0002764



UMETCO MINERALS CORPORATION  
~~UNION CARBIDE CORPORATION~~

No 41318

FIRST NATIONAL BANK  
Grand Junction, Colorado

Grand Junction, Colorado April 9, 1984

PAY

UNION CARBIDE 500.00

\$500.00

82 39/1021

~~METALS DIVISION~~  
Operating Account

SIGNED

COUNTERSIGNED

CASH PROMPTLY, NOT VALID AFTER 60 DAYS

TO THE  
ORDER  
OF

South Carolina Dept. of Health &  
Environmental Control  
Bureau of Finance  
2600 Ball Street  
Columbia, SC 29201

⑈00041318⑈ ⑆102100390⑆ 088 141 2⑈

UCCNHT0002765

To: S.C. ZAMBOTTI - Purchasing Dept.  
From: G.E. WALCK - Engineering Dept.  
Please Obtain Bids on Items Covered by  
Subject Specification from Listed Bidders

Subject: Spec. Nos. \_\_\_\_\_

Plant Location NIAGARA File 11309

9. RECOMMENDED BIDDERS: Page 1 of \_\_\_\_\_

A. FORGIONE LUMBER CO. INC.  
COLLEGE AVENUE & HYPER PARK BLVD.  
NIAGARA FALLS, N.Y.

B. WICKER LUMBER CO., INC.  
3411 HIGHLAND AVE.  
NIAGARA FALLS, N.Y.

C. OLIVERO LUMBER CO.  
4689 MODEL CITY ROAD.  
LEWISTON, N.Y.

D. PALLET PRODUCERS INC.  
LOCKPORT ROAD.  
NIAGARA FALLS, N.Y.

E. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. REMARKS:  
WE REQUIRE APPROX. 100 CONTAINERS PER.  
QMG. SF-7897  
DELIVERED TO THE NIAGARA PLANT PER  
ATTACHED REQUISITION.

G.E. Walck 5-1-84  
(SIGNATURE) (DATE)

1. ATTACHMENTS FOR QUOTATION:  
\_\_\_\_ COPIES, SPECIFICATION  
\_\_\_\_ COPIES, PROPOSAL FORM  
8 COPIES, DRAWINGS

2. BIDS TO BE RECEIVED BY: \_\_\_\_\_

3. EQUIPMENT NEEDED BY: NO EARLIER THAN  
JUNE 15, 1984

4. APPROVAL/FINAL PRINTS BY NO LATER THAN \_\_\_\_\_

5. TECHNICAL CONTACT:  
NAME G.E. WALCK PHONE (716) 278-3361

6. PLEASE SEND COPIES OF THE R.F.Q. PACKAGE,  
WITH A COPY OF THIS TRANSMITTAL TO:

☒ L.G. EVANS ☐ \_\_\_\_\_

☒ G.E. WALCK ☐ \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

7. PLEASE HAVE BIDDERS SEND COPIES OF THEIR  
PROPOSALS TO:

A. L.G. EVANS ENGR. DEPT.

B. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. ESTIMATED COST: \$ 10,000.00

To: \_\_\_\_\_ - PURCHASING DEPT.  
From: \_\_\_\_\_ - ENGINEERING DEPT.

cc: ☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

Please complete, validate and place attached  
P.O. No. \_\_\_\_\_

1. ATTACHMENTS FOR PURCHASE  
\_\_\_\_ COPIES, SPECIFICATION  
\_\_\_\_ COPIES, BID ANALYSIS  
\_\_\_\_ COPIES, DRAWINGS

2. RECOMMENDED SUPPLIER: \_\_\_\_\_

3. In addition to normal distribution, Purchasing  
to send validated copy of P.O. and Spec. to:

☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

4. Remarks: \_\_\_\_\_

\_\_\_\_\_  
(SIGNATURE) (DATE)

UCCNHT0002766

10R6572B

REQUISITIONER—ENTER DATA UNDER RED CAPTIONS

PRINTED IN U.S.A.

COM CODE	CFA	SUP	ACCTG UNIT CODE	REQUISITIONED BY	PHONE	BEG / HM	DATE	NAME	DELIVER TO	LOCATION	NO
			0	G E WALCK	278-3361		5-9-84	G.E.WALCK	Bldg. 166	Niagara	
APPROVED BY SIGNATURE				TO BE USED FOR				THIS ORDER NOT BINDING UNLESS UCC			
<i>[Signature]</i>				SHIPPING CONTAINERS FOR				VALIDATION APPEARS			
APPROVED BY PRINT OR TYPE NAME				DATE				DATE WANTED			
L. G. EVANS				5/9/84				SEE BELOW			

UNION CARBIDE CORPORATION  
METALS DIVISION

HEREINAFTER CALLED "BUYER"

MAIL INVOICE IN DUPLICATE TO

UNION CARBIDE CORPORATION  
Metals Division

SHIP TO

UNION CARBIDE CORPORATION  
Metals Division

137 - 47TH STREET

NIAGARA FALLS, N.Y. 14302

HEREINAFTER CALLED "SELLER"

BUYER HEREBY ORDERS UPON THE TERMS HEREIN CONTAINED, INCLUDING THE ADDITIONAL TERMS ON THE REVERSE SIDE HEREOF

TERMS OF PAYMENT

TRANSPORTATION TERMS

F O B POINT

SHIP TO ARRIVE BY		NET 30	% DISC	10 DAYS	15TH PROR	OTHER	PREPAID		OTHER	SHIP POINT	DEST	OTHER			
SEE BELOW															
TAX %		TEXAS SEE SPECIAL INSTRUCTIONS		TAX EXEMPTION NO		SHIP VIA	TRUCK	UPS	MAIL	AIR PRT	OTHER (SPECIFY ROUTING)	BUYER			
ES		NO													
QTY	QUANTITY RECEIVED	X	CA	QUANTITY ORDERED	U / M	DESCRIPTION				UNIT PRICE	STORES ACCOUNT	MATERIAL CODE	FIRST NO	SECOND NO	SHOP ORDER
				100	EA.	50 Cu.Ft. SHIPPING CONTAINERS PER									
						UNION CARBIDE CORP. DWG. SF-7897.									
						SHIP 20 TO ARRIVE BY JUNE 15, 1984;									
						THE REMAINDER IN 20 UNIT (TRUCKLOAD) LOTS									
						TO BE RELEASED FOR DELIVERY PER OWNER'S									
						ENGINEER. ALL SHIPMENTS TO BE RELEASED									
						BY JULY 13, 1984.									
REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION															
PURCHASING AGENT'S NAME															

] THIS ORDER SUPERSEDES ORAL ORDER OF

DATE

WITH

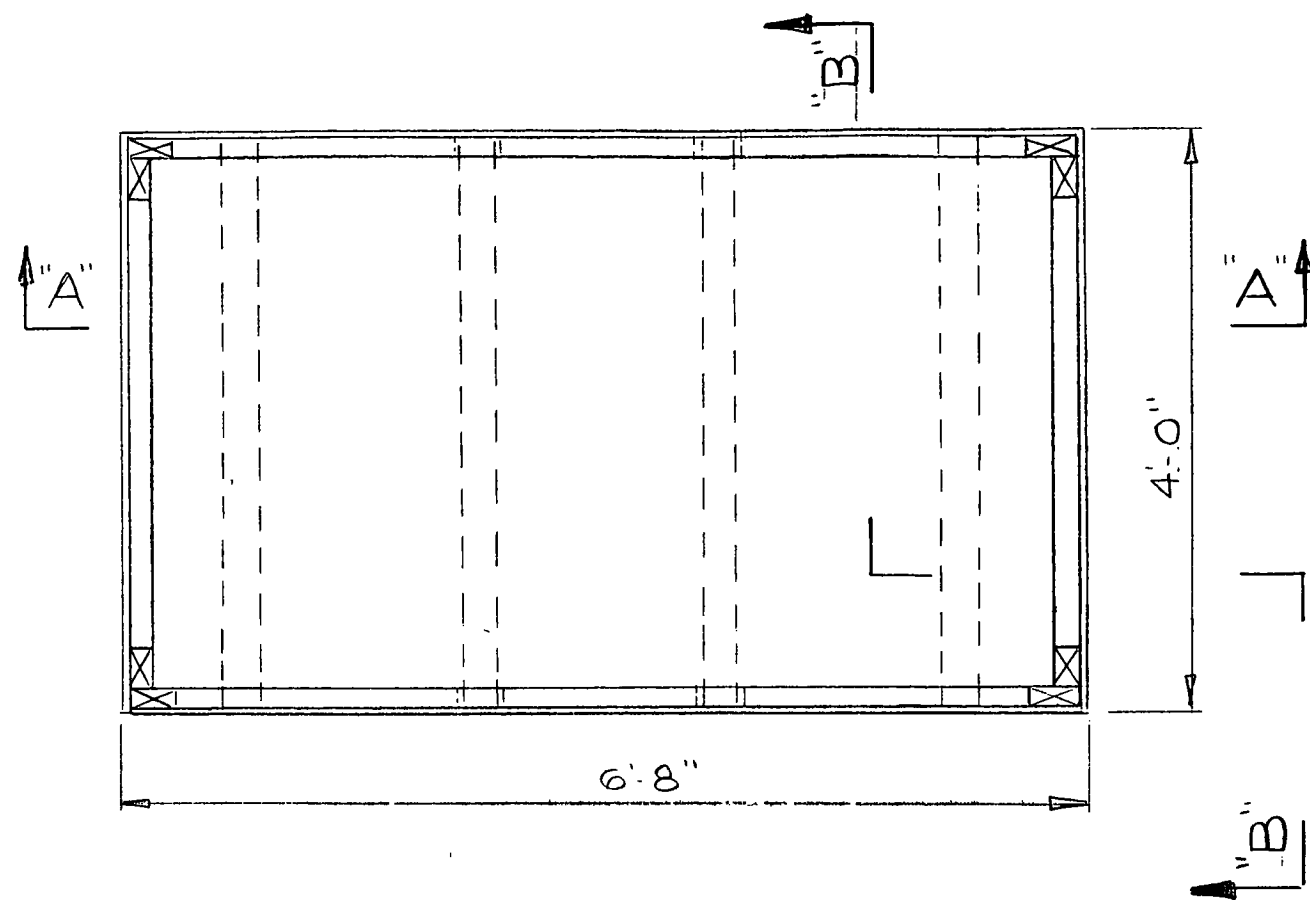
VENDOR REPRESENTATIVE

DO NOT DUPLICATE

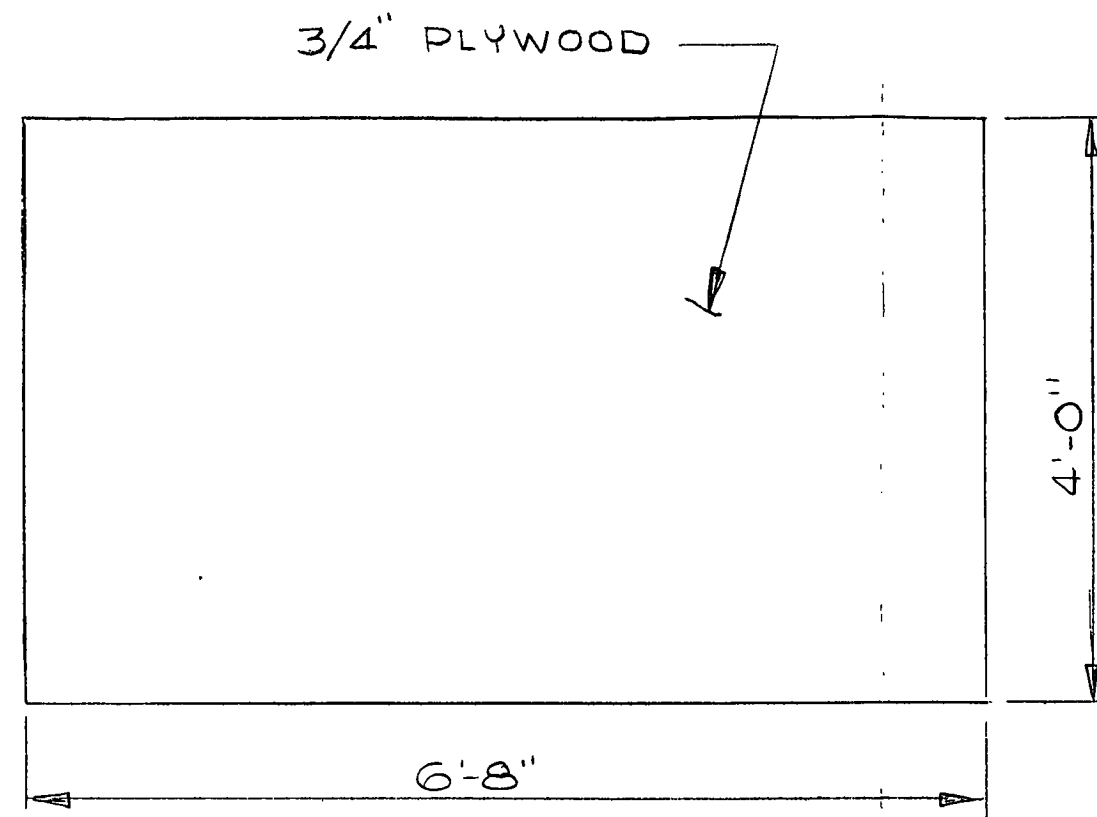
TYPE OR PRINT NAME

020889

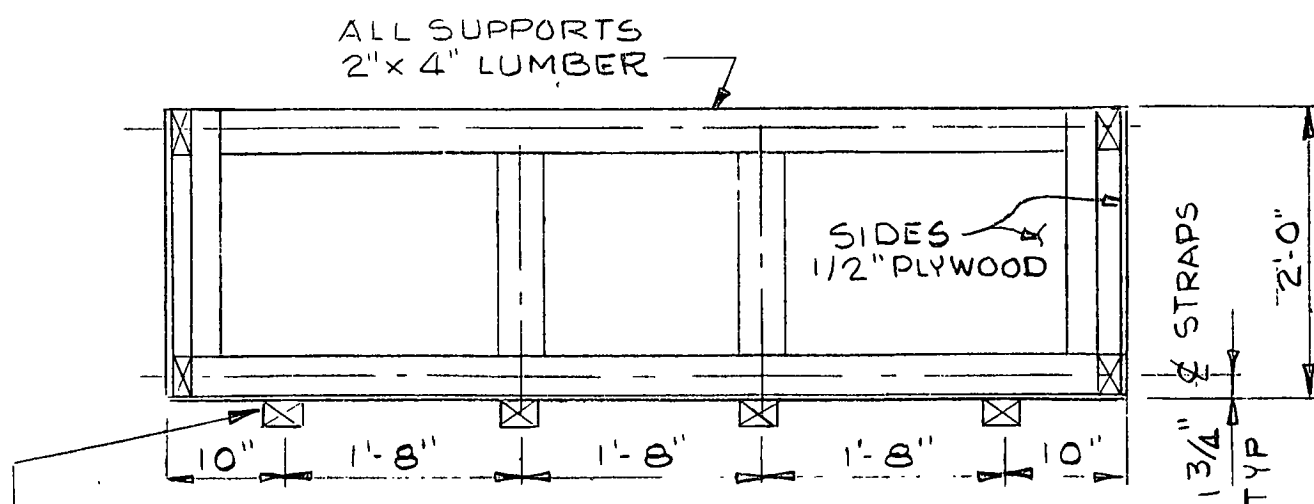
UCCNHT0002767



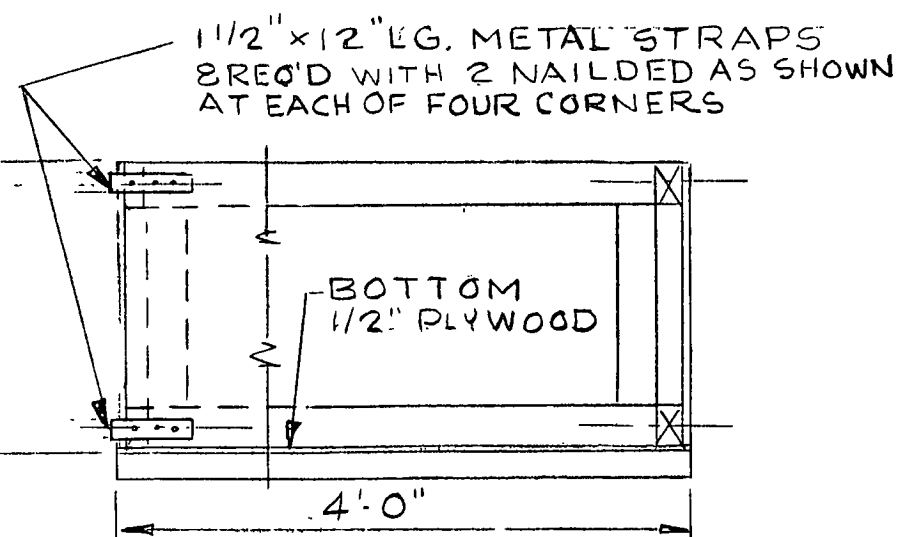
TOP VIEW  
COVER REMOVED



COVER OF BOX



SECTION "A-A"



SECTION "B-B"

NOTES

1. ALL JOINTS TO BE CAULKED ON INSIDE OF BOX BY Umetco
2. ALL PLYWOOD APA C-D INTERIOR WITH EXTERIOR GLUE.
3. FASTENERS TO BE SCREW TYPE NAILS WITH FLAT HEAD.

SKIDS  
4" x 4" x  
4'-0" LG.  
4-REQ'D

REV	DATE	BY	DESCRIPTION

TITLE

50 CU. FT. SHIPPING CONTAINER

UNION CARBIDE CORPORATION  
METALS DIVISION

FILE NUMBER 930/256  
11309

DRAWING SCALE  
3/4" = 1'-0"

PLANT

NIAGARA

BLDG NO

YARD

DWN BY

DGF

CHKD BY

STAFF ENG

ACC ENG

LME

EX

GEW

DATE

5-2-84

DRAWING NUMBER

SF-7897

EXHIBIT A, B marked up by Lfk  
on 5/4/84



INTERNAL  
CORRESPONDENCE

UNION CARBIDE CORPORATION OLD RIDGE BLVD ROAD DANBURY CT 06817  
Purchasing & Materials Services Department

To (Name)	Mr. W. J. Wysocki	Date	April 20, 1982
Division	Metals Division	Originating Dept	Purchasing & Materials Services
Location	Niagara Falls, NY	Area	C1 219
Area		Subject	CHEM-NUCLEAR SERVICES, INC. National Agreement - Metal <u>Division Release No.806-16711</u>
Copy to	Mr. L. G. Evans - Niagara Falls Mr. D. H. Mueller - P&MS		

Dear Bill:

Please find attached the subject Release which I executed at a 4/14/82 meeting with Chem-Nuclear. Please furnish an original PASR so I may obtain the necessary approvals for your records.

The approvals granted are conditional upon your attachment of CNSI's completed Form No. CNS-201, the date of such entered in part B.1 of Exhibit A and the entry of the data required in Paragraph G of Exhibit A.

GYMcFadden:jh  
Attachment

GYMcFadden/jh

TECHNOLOGY DEPT.-ENGINEERING

referred to \_\_\_\_\_

for \_\_\_\_\_

REC'D APR 23 1982

Noted by \_\_\_\_\_

File Number \_\_\_\_\_

or Subject \_\_\_\_\_

UCCNHT0002769



## EXHIBIT "A"

Radioactive Waste Disposal Contract # 100-27573

Order/Release No. 806-16711

## A. 1. DELIVERY LOCATION

2. Company's facility (if other than Delivery Location)

1. Contractor's disposal site located approximately six (6) miles west of Barnwell, South Carolina.

2. Union Carbide Corporation  
Metals Division

-Marietta, Ohio **NIAGARA FALLS, NY**

## B. MATERIALS

1. Describe materials and any containers in which such materials are to be delivered to Contractor. Specify when and where the containers are to be provided.

The Material shall be as described on Contractor's Form #CNS-201, dated, attached hereto and made a part hereof.

Material: Miscellaneous structural steel, hand rails, piping, concrete & container lumber which is contaminated on surface only with Ta Cb residue as follows

*0.0008 µCi/g*  
Umax 0.15% ~~0.14%~~  
Thmax 0.55% ~~0.35%~~  
U+Th is ~~0.0016 µCi/gm~~ ~~50H<sup>3</sup>~~

The above Material shall be packaged in wooden crates, approximately 100 lbs each. Said crates shall be constructed of 1/2" thick plywood reinforced with 2" x 4" lumber. All joints shall be caulked, inspected and accepted by Contractor prior to filling at Company Site. Said crates shall be accepted by Contractor as Material hereunder.

2. Additional Information (Specify DOT shipping name and class and EPA description. Specify any special handling instructions.)

## C. WORK

Describe Work to be performed. (Indicate specific services to be performed, such as package, accept, load, transport, treat, store and dispose. Indicate method of disposal. If Contractor has responsibility for marking and labeling containers in which Materials are to be tendered to Contractor or to perform any other service for Company prior to delivery of Materials, so specify. Indicate any portion of the Work which is to be subcontracted and name of subcontractor.)

The Material shall be as further described in Contractor's Form No. CNS-201, dated , attached hereto and made a part hereof

B.2 Material is a by-product material.  
DOT designated as a LSA material.

## D. DISPOSAL LOCATION

Indicate nature and specific location of disposal area.

C. Contractor shall accept the Material at its facility and shall off-load, store and dispose of Material by burial in its licensed landfill, all in accordance with applicable federal, state and local laws.

Company shall mark, label, package, load and transport Material to Contractor's Barnwell waste management facility.

Contractor's disposal site located approximately six (6) miles west of Barnwell, South Carolina.

UCCNHT0002770

## EXHIBIT "A" continued

Radioactive Waste Disposal Contract #100-27573  
Order/Release No. 1

## 2. QUANTITY

(Specify quantity. If no definite quantity, describe how quantity is determined, such as, such quantity as Company designates for the Work during period between \_\_\_\_\_ and \_\_\_\_\_.)

Approximately eight thousand (8000) cubic feet between May 1 and August 31, 1982. 1984 AUG DEC

## F. ORDERING PROCEDURE AND SCHEDULES

(Specify delivery schedule or procedure for ordering and scheduling deliveries of the Quantity of Materials. Also specify any time limit for a pickup after order is given.)

The following based on the availability of space at Barnwell, South Carolina disposal site.

## QUANTITY

2000 <sup>1900</sup> cubic feet	May, 1982 AUG 1982
146 <sup>200</sup> cubic feet	June, 1982 SEPT 1984
3000 <sup>2000</sup> cubic feet	July, 1982 OCT 1984
1854 <sup>1000</sup> cubic feet	August, 1982 Nov 1984

1000 cubic FT DELT 1984

## 3. NOTICES

- For the purpose of providing notice pursuant to Paragraph 22. NOTICES and Paragraph 3. ACCEPTANCE AND TITLE TO MATERIALS of this AGREEMENT, Company designates \_\_\_\_\_ as its representative with respect to the Work performed under this Release.
- Contractor hereby designates \_\_\_\_\_ as Contractor's duly authorized representative.

reed to this

14

day of

April

, 1984

CONTRACTOR)

(COMPANY)

By

Title

UCCNHT0002771

EXHIBIT "B"

Waste Disposal Contract 100-27573

Release No. 806-16711

**A. QUANTITY  
MEASUREMENT**  
(Specify method of  
measurement and place  
where it is to be  
conducted)

Total volume of all containers furnished as determined  
by the outside dimensions thereof

Containers shall be measured at the Barnwell, South Carolina  
disposal site.

*CHECK w/ Barnwell*

**B. CONTRACT PRICE**

The fixed unit price amount of twelve dollars (\$12.00) per  
cubic foot of Material container volume delivered to the  
Barnwell, South Carolina disposal site.

**C. INVOICING  
INSTRUCTIONS**

Contract shall submit invoices for the Work performed  
hereunder to:

UNION CARBIDE CORPORATION  
Metals Division  
P. O. Box 97  
Niagara Falls, NY 14302

ATTENTION: Mr. L. C. Evans

*Continuation*

*Donald E. Barnett*  
*Regional Sales Mgr*  
*4/14/82*

*CONFIDENTIAL*

*James Y. [unclear]*  
*Publications Dept.*  
*4/14/82*

UCCNHT0002772

4	4	1	C	0	L.G. Evans
APPROVED BY - SIGNATURE <i>[Signature]</i>			TO BE USED FOR TaCb Residue Relocation		
APPROVED BY - PRINT OR TYPE NAME			DATE	LAST P.O. NUMBER	DATE WANTED
					4/9/82

# UNION CARBIDE CORPORATION

METALS DIVISION

P.O. Box 97, Niagara Falls, NY 14302

HEREINAFTER CALLED "BUYER"

THIS ORDER NOT  
BINDING UNLESS  
UCC  
VALIDATION APPEARS

NO. E-C-38-274 6448  
PURCH ORDER DATE

MAR 22 1982



PAGE 1 OF 2

VENDOR

AEP Industries Inc.  
20 Knickerboker Road  
Moonachie, NY 07074  
Attn: Ron Esak

HEREINAFTER CALLED "SELLER"

MAIL INVOICE IN DUPLICATE TO

UNION CARBIDE CORPORATION

Metals Division

P.O. Box 97

Niagara Falls, NY 14302

ATTN: L.G. EVANS

SHIP TO UNLAWFUL TO DUPLICATE

UNION CARBIDE CORPORATION  
Metals Division

ITEM #1 \*

ITEM #2 \*\*

TERMS OF PAYMENT

TRANSPORTATION TERMS

FOB POINT

SHIP TO ARRIVE BY		NET 30	% DISC	10 DAYS	10TH PROR	OTHER	PREPAID		OTHER	SHIP POINT	DEST	OTHER		
April 9, 1982			1%				ACCT OF BUYER 1		ACCT OF SELLER 2 X	1	X	3		
SUBJECT TO STATE/LOCAL TAXES USE TAX		TAX %	TEXAS SEE SPECIAL INSTRUCTIONS		TAX EXEMPTION NO		SHIP VIA	PARCEL POST	TRUCK	UPS	RAIL	AIR FRT		
YES		NO	X					X						
OTHER (SPECIFY ROUTING)		BUYER		COM CODE		VENDOR CODE		REC LOC						
				4401 C										
ITEM NO	QUANTITY RECEIVED	X	CA	QUANTITY ORDERED	U / M	DESCRIPTION		UNIT PRICE	STORES ACCOUNT	MATERIAL CODE		FIRST NO	SECOND NO	SHOP ORDER
1				5,000	ea.	66" x 108 x .00600 high density bags on rolls		\$ 3.62102	740	885	88	1167	1	
						[Printed (Radioactive - LSA) 2" x 1" letters,								
						*Ship PRINTED ONLY to:								
						one side - minimum once per bag] Rubber modi-								
						fied polyethylene resin (Paxon 3205)								
						Union Carbide Corp.								
						Metals Division								
						c/o Cisler Const. Co.								
						Route 7 South								
						Marietta, OH 45750								
						Tube shape bottom seal only.								
						National Contract AC 100-05575								
						(Con't)								
REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION														
PURCHASING AGENT'S NAME													W.J. Wysocki	
													TYPE OR PRINT NAME	

☒ THIS ORDER SUPERSEDES ORAL ORDER OF 3/18/82 WITH Ron Esak DO NOT DUPLICATE  
DATE VENDOR REPRESENTATIVE

☐ PLEASE RETURN ACKNOWLEDGMENT FORM ATTACHED

*[Signature]*  
PURCHASING AGENT

APPROVED BY - *[Signature]*  
 APPROVED BY - PRINT OR TYPE NAME  
 C G RICHARDSON 4/13/84  
 DATE 4/13/84  
 DATE WANTED

L G EVANS

NO. E-C-615-2

THIS ORDER NOT  
 BINDING UNLESS  
 UCC  
 VALIDATION APPEARS  
 →

UNION CARBIDE CORPORATION  
 METALS DIVISION

PAGE 1 OF 1

VENDOR

CHEM NUCLEAR SYSTEMS INC  
 240 STONERIDGE DRIVE  
 SUITE 100  
 COLUMBIA, SC 29201

MAIL INVOICE IN DUPLICATE TO

UNION CARBIDE CORPORATION  
 Metals Division

PO BOX 97  
 NIAGARA FALLS, NY 14302  
 ATTN L G EVANS

SHIP TO

UNION CARBIDE CORPORATION  
 Metals Division

015876

HEREINAFTER CALLED "BUYER" BUYER HEREBY ORDERS UPON THE TERMS HEREIN CONTAINED, INCLUDING THE ADDITIONAL TERMS ON THE REVERSE SIDE HEREOF

TERMS OF PAYMENT

TRANSPORTATION TERMS

FOB POINT

SHIP TO ARRIVE BY		NET 30	% DISC	10 DAYS	10TH PROX	OTHER	PREPAID		OTHER		SHIP POINT	DEST	OTHER				
SUBJECT TO STATE/LOCAL TAXES USE TAX		TAX %	TEXAS SEE SPECIAL INSTRUCTIONS			TAX EXEMPTION NO	SHIP VIA	PARCEL POST	TRUCK	UPS	RAIL	AIR FRT	OTHER (SPECIFY ROUTING)				
YES	NO																
ITEM NO	QUANTITY RECEIVED	X	CA	QUANTITY ORDERED	U	M	DESCRIPTION				ESTIMATED PRICE	STORES ACCOUNT	MATERIAL CODE ACCOUNT	SUB	FIRST NO	SECOND NO	SHOP ORDER
											50,000	740	885	88	1167	13	
SEE ATTACHED																	
84-615-885-10-100																	
(SPLIT PUR ORDER)																	
REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION																	
PURCHASING AGENT'S NAME TYPE OR PRINT NAME																	

☐ THIS ORDER SUPERSEDES ORAL ORDER OF \_\_\_\_\_ DATE \_\_\_\_\_ WITH \_\_\_\_\_ DO NOT DUPLICATE  
 VENDOR REPRESENTATIVE

☐ PLEASE RETURN ACKNOWLEDGMENT FORM ATTACHED

PURCHASING AGENT

TRANS	COM CODE	CFA/SON	ACCTS UNIT CODE	TRANSMITTAL NO	VENDOR CODE	NO. E-C-244 6814
VENDOR'S REFERENCE NO	INV REC DATE	INVOICE DATE	T/C	DUE DATE	NET AMOUNT	D/C
					DISCOUNT AMOUNT	5/H

☐ 1 PURCHASE ORDER NEEDED  
☐ 2 PO CN NEEDED  
☐ 3 RECEIVING REPORT NEEDED  
☐ 4 AUTHORIZATION NEEDED  
☐ 5 INVOICE HELD FOR CAUSE  
☐ 6 INVOICE RECEIVED LATE  
☐ 7 USED MIT ACCOUNT

\*ATTACHMENT NEEDED\*  
☐ 1 OCC DOCUMENT  
☐ 2 SPECIAL VENDOR DOCUMENT  
☐ 3 CORRECTED VENDOR'S INVOICE

PAGE 1 OF 2

HUS PROCESS CORPORATION  
 1501 Key Road  
 Columbia, SC 29201

MAIL INVOICE IN DUPLICATE TO  
 UNION CARBIDE CORPORATION  
 Metals Division

SHIP TO  
 UNION CARBIDE CORPORATION  
 Metals Division

HEREINAFTER CALLED: SELLER  
 BUYER HEREBY ORDERS UPON THE TERMS HEREIN CONTAINED INCLUDING THE ADDITIONAL TERMS ON THE REVERSE SIDE HEREOF

TERMS OF PAYMENT  
 TRANSPORTATION TERMS  
 F O B POINT

SHIP TO ARRIVE BY	NET 10	DISC	10 DAYS	OTH PROX	OTHER	PREPAID	OTHER	SHIP POINT	DEP	OTHER
See Below	X									
ALGT BUYER 1	ALGT BUYER 2	ALGT BUYER 3	OTHER (SPECIFY ROUTING)			BUYER	COM CODE	VENDOR CODE	REC LOC	
			DNA				3550F			

ITEM NO	QUANTITY RECEIVED	X CA	QUANTITY ORDERED	U/M	DESCRIPTION	UNIT PRICE	STORES ACCOUNT	MATERIAL CODE	FIRST NO	SECOND NO	SHOP ORDER
1			2	EA	Period: May 1, 1984 thru Dec. 31, 1984  Cost per meeting to represent Umeco Minerals Corporation at Chem Nuclear Systems, Barnwell, South Carolina burial site, for the purpose of obtaining burial space on a monthly basis.  Umeco representative, L.G. Evans will notify NUS Process Corporation approximately seven (7) days prior to the first day of each following month as to whether this service is required.	\$250.00	740-885-88-1167-13				

REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION

PURCHASING AGENT'S NAME: S. C. Zambotti

LOT/RR NO	DATE REC'D	REC'D BY	REC LOC	IN CITY	ORIGIN IN CO	TRANS PRO NO	TRANS CHARGE	CARRIER	DATE OF PRO	PRO NO	CAR NO	CONTAIN COUNT	PRODUCT WEIGHT	TOTAL WEIGHT	PRODUCT CLASS

UCCNHT0002775

## ADDITIONAL TERMS

**QUALITY** Seller warrants that the goods will conform to description and specifications and will be free from all defects in material and workmanship and all defects due to design (other than Buyer's design). Buyer shall have the right to inspect and test any goods before acceptance if such inspection and test are made within a reasonable time or as provided in the specifications. Seller shall pay the cost of inspecting and testing of goods rejected and all transportation charges thereon. Upon request of Buyer Seller at its sole expense shall repair or replace for Buyer Seller's plant all or any part of any machinery or equipment covered by this order which proves within one (1) year from the date it is placed in operation but no later than eighteen (18) months from date of shipment to be defective in material or workmanship.

**QUANTITY** Goods shipped in excess of quantity designated in this order may be returned at Seller's expense.

**TRANSPORTATION CHARGES** Where transportation charges are allowed or are separately charged to Buyer by Seller, such charges shall in no event exceed the latest legal freight charges in effect on the date of shipment.

**DELIVERY** Each package shall be numbered and labeled with Buyer's order number, stock number, contents and weight. Each package shall contain an itemized packing slip and shall be properly packed for shipment. No charges will be allowed for packing, crating, freight, express or cartage unless specified on the invoice hereof. Time is of the essence hereof and if any goods are not delivered within the time specified in this order or within a reasonable time if no time is so specified, Buyer may either (i) refuse to accept such goods and terminate this order, or (ii) cause Seller to ship the goods by the most expeditious means of transportation whereupon any additional transportation charges in excess of those which would apply for the usual means of transportation shall be for the account of Seller.

**INVOICES** Unless otherwise requested by Buyer, invoices shall (a) be rendered separately for each delivery, (b) cover not more than one order, (c) be rendered with order number noted thereon.

**PATENTS** Except as hereinafter stated, Seller shall protect and indemnify Buyer from and against claims, damages, judgments, expenses and loss arising from infringement or alleged infringement of any patent of the United States by any of the goods delivered hereunder, and Seller shall defend or settle at its own expense any suit or proceeding brought against Buyer for such infringement. Provided that Seller is notified promptly in writing of the commencement of such suit or proceeding and is given authority, information and assistance by Buyer for its defense or settlement thereof, and provided further that Buyer shall not settle or compromise any such suit or proceeding without the prior written consent of Seller. Furthermore, in the event that Buyer should be enjoined in such suit or proceeding from using any of the goods delivered hereunder, Seller, at its option, shall promptly either (i) secure substitution of the injunction and procure for Buyer the right to use such goods without any obligation or liability, (ii) replace said goods with non-infringing goods or goods deemed to be non-infringing, all at Seller's expense and to Buyer's satisfaction, or (iii) remove said goods at Seller's expense and refund to Buyer the amount paid to Seller therefor. The provisions of this paragraph, however, shall not apply to the use of any of the goods delivered hereunder in combination with other materials or in the practice of any process, or to infringement by reason of such use.

**INSTALLATION** In the event that any goods ordered hereunder require, in connection with the installation thereof, the services of a supervisor, expert or other employee connected with or employed by Seller, and Seller agrees to furnish the same, either with or without charge, such supervisor, expert or other employee in performing such services shall not be deemed to be an agent or employee of Buyer, and Seller assumes full responsibility for his acts and omissions and exclusive liability for any payroll taxes or contributions imposed by any Federal or State law dealing with any of the subjects covered by the Federal Social Security Act approved August 14, 1935, as amended.

**INSURANCE** If this order provides for work to be performed by Seller on property owned or controlled by Buyer or any party named herein as the party on whose property said work is to be performed, Seller shall at its expense procure and maintain Workmen's Compensation to the extent required by law and Contractor's Bodily Injury Liability and Property Damage Liability Insurance (including Contractor's Liability covering the indemnity set forth in the next Paragraph) in such amounts as are approved by Buyer. Seller shall furnish to Buyer written certificates establishing that above insurance has been procured and is being maintained, which certificates shall provide that written notice of cancellation shall be given to Buyer at least fifteen (15) days prior to the effective date of such cancellation.

**INDEMNITY PHYSICAL DAMAGE RESPONSIBILITY** If this order provides for work to be performed by Seller on property owned or controlled by Buyer or any party named herein as the party on whose property said work is to be performed, Seller shall indemnify and save harmless Buyer, the aforesaid party and their employees and agents against all claims, liabilities, losses, damages and expenses of every character whatsoever for bodily injury, sickness and/or disease including death at any time resulting from any of the foregoing sustained by any employee of Seller or of a subcontractor of Seller while in, on or about the property of Buyer or the site of the said work, or of which such injury, sickness, disease and/or death was in any way connected with said work or with the performance of or failure to perform said work, whether or not such injury, sickness, disease and/or death was in any way connected with the negligence of Buyer, the aforesaid party, or any of their employees or agents. Seller shall be responsible and liable for loss or destruction of or damage to all tools, equipment and other personal property of Seller and its employees, whether or not such loss, destruction or damage was in any way connected with the negligence of Buyer, the aforesaid party named herein or any of their employees or agents.

**FORCE MAJEURE** Neither party hereto shall be liable to the other for default or delay in performing its obligation hereunder if caused by a strike, riot or war, act of God, delay of carriers, governmental order or regulation, complete or partial shut down of plant by reason of inability to obtain sufficient raw materials or power, and/or any other similar or different occurrence beyond the reasonable control of the party so defaulting or delaying.

**DRAWINGS AND OTHER ITEMS** Unless otherwise expressly provided in this order, all drawings, blueprints, dies, patterns, tools, printing plates, and other items used in connection with the manufacture of the goods hereunder, which are prepared or contracted by Seller pursuant to the terms of this order, shall be the property of Buyer and upon completion of deliveries of the goods hereunder or upon termination of this order shall be delivered to Buyer.

**FAIR LABOR STANDARDS ACT** Seller hereby agrees that the goods will be produced in compliance with the Fair Labor Standards Act, as amended, and agrees to so certify on its invoices.

**ASSIGNMENT** Any assignment of this order without the prior written consent of Buyer shall be void.

**NON-WAIVER** No waiver by either party of any breach of any of the terms of this order to be performed by the other party shall be construed as a waiver of any subsequent breach, whether of the same or of any other term of this order.

**REMEDIES** The rights and remedies of Buyer set forth in this order are not exclusive and are in addition to all other rights and remedies of Buyer.

**GOVERNING LAW** The said interpretation, and performance of this order shall be governed by the law of the State in which this order is issued by Buyer.

**MISCELLANEOUS** If this order constitutes an offer, Seller's acceptance of this order is hereby expressly limited to the terms of this order and shipment of any part of the goods covered hereunder shall be deemed to constitute such acceptance. If this order constitutes an acceptance of an offer, such acceptance is expressly made conditional on Seller's assent to the terms of this order and shipment of any part of the goods covered hereunder shall be deemed to constitute such assent. This order constitutes the entire agreement between the parties hereto pertaining to the subject matter hereof, and there are no oral understandings, representations or warranties affecting it. Neither course of performance nor course of dealing nor usage of trade shall be used to interpret, construe, qualify, explain or supplement any of the terms of this order. This order shall not be amended except in writing signed by the parties hereto.

TO NUS Process Corporation



PAGE NO 2 OF 2 OF ORDER NO E-C-244-6814

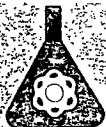
UNION CARBIDE CORPORATION

IS TO BE CONSIDERED A PART OF SAID ORDER AND TO BE GOVERNED IN ALL RESPECTS BY THE ADDITIONAL TERMS CONTAINED ON THE FIRST PAGE OF THIS ORDER

ITEM NO	QUANTITY RECEIVED	X	CA	QUANTITY ORDERED	U	M	DESCRIPTION	UNIT PRICE	STORES ACCOUNT	MATERIAL CODE ACCOUNT	SUB	FIRST NO	SECOND NO	SHOP ORDER
							Owner's Representative regarding questions portaining to this Order: Mr. L.G. Evans (716-278-3462).							

LOT NR NO	DATE REC D	REC	REC D BY	REC LOC	IN CITY	IN CO	ORIGIN	TRANS CHARGE	CARRIER	DATE OF PRO	PRO NO	CAR NO	CONTAIN COUNT	PRODUCT WEIGHT	TOTAL WEIGHT	PRODUCT CLASS





# CHEM-NUCLEAR SYSTEMS, INC.

VOICE NO. 51729

## BILLING LOCATIONS:

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, SC 29812  
(803) 259-1781

**Unetco Minerals Corporation**

**137 47th Street**

**Niagara Falls, NY 14302**

ATTN

CUSTOMER #	80-100343	DATE	8/30/84	P.O. #/CONTRACT #	37752	DIVISION	480
FOB	BARNWELL	PROJECT #	48000	MARKETING DIST	N	SHIP VIA	0884-325-A

DESCRIPTION	AMOUNT
Services 8/27/84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri State on B/L #655872	
Shipment # 615-3004	
325 cuft of radwaste X 14.50/cuft (5 containers @ 65 cuft/container)	4,712.50
S.C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft X 325 cuft	812.50
S.C. Imposed Low Level Radwaste Tax of 4.00/cuft X 325 cuft	1,300.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (6,825.00)	163.80
	6,988.80

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DEPT COPY

UCCNHT0002778



**BARNWELL OPERATIONS**  
OSBORN ROAD  
HIWAY 64 / P O BOX 1726  
SNELLING S C 29812  
(803) 259-1781

ATTN

### DESCRIPTION

**7,540.00**

**1.303.00**

**2,989.00**

**262.08**

11,182.00

CHEM-NUCLEAR SYSTEMS, INC.  
P. O. BOX 1478  
COLUMBIA, SC 29202

~~DEPT. COPY~~



# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **52063**

## BILLING LOCATIONS:

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

**SOLD TO**  
**Unetco Minerals Corp.**  
**137 47th Street**  
**Niagara Falls, NY 14302**  
**ATTN**

CUSTOMER #	DATE	P.O. #/CONTRACT #	AS #	DIVISION
<b>80-100343</b>	<b>9/14/84</b>		<b>37855</b>	<b>480</b>
FOB	PROJECT #	MARKETING DIST	AN #	SHIP VIA
<b>BARNWELL</b>	<b>48000</b>	<b>H</b>	<b>0984-211-A</b>	

DESCRIPTION	AMOUNT
Services 9/6/84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri State on B/L #657966	
Shipment #615-3005	
520 cuft of radwaste X 14.50/cuft (8 containers @ 65 cuft/container)	7,540.00
S.C. Imposed Perpetuity Eecrow Fund Charge of 2.50/cuft X 520 cuft	1,300.00
S.C. Imposed Low Level Radwaste Tax of 4.00/cuft X 520 cuft	2,080.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (10,920.00)	262.08
	<b>11,182.08</b>

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DEPT COPY

UCCNHT0002780



# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **51688**

## BILLING LOCATIONS

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

**SOLD TO**  
**Unesco Mineral Corp.**  
**137 - 47th Street**  
**Niagara Falls, NY 14302**  
**ATTN**

CUSTOMER # <b>80-100343</b>	DATE <b>8-29-84</b>	P.O. #/CONTRACT #	AS # <b>37682</b>	DIVISION <b>480</b>
FOB <b>BARNWELL</b>	PROJECT # <b>48000</b>	MARKETING DIST <b>H</b>	AN # <b>0884-322-A</b>	SHIP VIA

DESCRIPTION	AMOUNT
Services 8-18-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri-State on B/L#655869 Shipment#615-3001	
520 cuft of radwaste x \$14.50/cuft. (8 drums @ 65 cuft/drum)	7,540.00
S.C. Imposed Perpetuity Recrow Fund Charge of \$2.50/cuft x 520 cuft.	1,300.00
S.C. Imposed Low Level Radwaste Tax of \$4.00/cuft x 520 cuft.	2,080.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (10,920.00)	262.08
	11,182.08

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DEPT. COPY

UCCNHT0002781



# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. 51696

## BILLING LOCATIONS:

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

S  
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Uactco Minerals Corporation  
137 - 47th Street  
Niagara Falls, NY 14302  
ATTN

CUSTOMER #	80-100343	DATE	8-29-84	P.O. #/CONTRACT #	AS #	DIVISION	480
FOB	BARNWELL	PROJECT #	48000	MARKETING DIST	AN #	SHIP VIA	
				H	0884-323-A		

DESCRIPTION	AMOUNT
Services 8-21-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S. C. by Tri-State on B/L #655870 Shipment #615-3002	
320 cuft of radwaste x 14.50/cuft (8 drums @65 cuft/drum)	7,540.00
S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 320 cuft	1,360.00
S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 320 cuft	2,080.00
Barnwell County Business License Tax @2.4% of Disposal Charges (10,920.00)	262.08
	11,182.08

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DEPT. COPY

# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



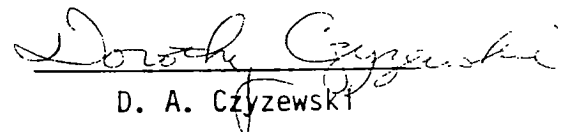
137 47TH STREET PO BOX 97 • NIAGARA FALLS NEW YORK 14302

To (Name) Invoice Auditing  
Umetco Minerals Corporation  
Division P.O. Box 1029  
Grand Junction, CO 81502

Date September 18, 1984  
Originating Dept TECHNOLOGY DEPARTMENT—ENGINEERING

Attached, please find the following approved invoices.

<u>Vendor</u>	<u>Amount</u>	<u>Invoice Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge To:</u>
Western Union	\$128.08	---	9/4/84	615-309816	14740-14520-08
NUS	\$250.00	0884-59100A	9/7/84	244-6814	84-615-885-10-100
MESCH	\$728.00	00000855	9/11/84	615-4679	740-14520-70-12302
"	\$168.00	"	"	"	740-14520-70-18362

  
D. A. Czyzewski

CC: ~~L. G. Evans~~  
T. J. Kagetsu

UCCNHT0002783

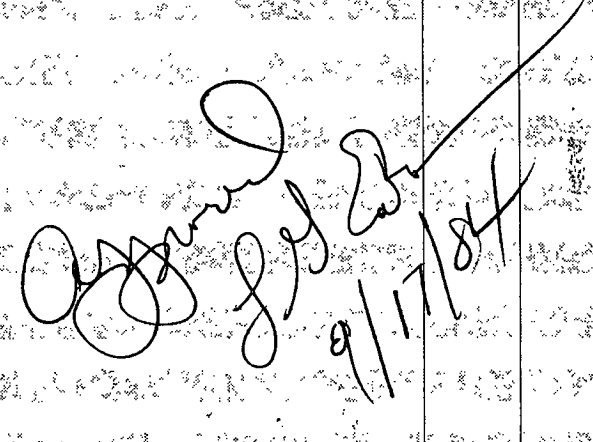
NORTON ENGINEERING INC. P.O.  
 CONSULTING ENGINEERS  
 285 MARKET STREET, P.O. BOX 491  
 LOCKPORT, NEW YORK 14094 (716) 434-6276

SUMITCO MINERALS CORP  
 P.O. BOX 97  
 DINIA FALLS, NY 14150  
 ATTN: LEE EVAN

SUMITCO MINERALS  
 P.O. BOX 97  
 DINIA FALLS, NY 14150  
 ATTN: LEE EVAN

NORTON ENGINEERING INC. P.O.  
 CONSULTING ENGINEERS  
 285 MARKET ST., P.O. BOX 491  
 LOCKPORT, NY 14094 (716) 434-6276

SUMITCO MINERALS CORP  
 1418400

DATE 09/11/84	SALESMAN 2	ORDER NO 615-4679	ORDER DATE 01/17/84	SHIPPED VIA	TERMS NET	INVOICE NO 00000855	
QUANTITY ORDERED	QUANTITY SHIPPED	BACK ORDERED	ITEM NUMBER	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
1	1			ON-SITE ENGINEERING-FUSE		896.000	896.00
 9/17/84							
NON-TAXABLE		TAXABLE		SALES TAX	FREIGHT	MISCELLANEOUS	INVOICE TOTAL
896.00		.00		.00	.00	.00	896.00

INVOICE DATE	INVOICE NO.
09/11/84	00000855

PLEASE RETURN  
 THIS PORTION  
 OF THE INVOICE  
 WITH YOUR  
 PAYMENT

INVOICE TOTAL
896.00

UCCNHT0002784



1124-27

UMETCO MINERALS CORP.  
JOE NO. 520-18362

HOURS  
WEEK END  
9/2/84

RATE NAME

\$28.00 FICE DG

PREMIUM LABOR COST	\$0.00
HRS FECAF WKLY	6
ACCUM	6
\$ WEEKLY LABOR COST	\$168.00
ACCUM.	\$168.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$168.00
LABOR & EXP. BILLABLE TO DATE	\$168.00

UCCNHT0002785



1184-21

UMETCO MINERALS CORP.

JOB NO. 520-12302

RATE NAME

\$25.00 FOSE, DG

HOURS

WEEK END

9/2/84

24

	24
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	24
ACCUM.	32
\$ WEEKLY LABOR COST	\$728.00
ACCUM.	\$896.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$728.00
LABOR & EXP. BILLABLE TO DATE	\$896.00

UCCNHT0002786

**NUS** PROCESS SERVICES  
CORPORATION

**IN ACCOUNT WITH:**

UMETCO Minerals Corporation  
P.O. Box 97  
Niagara Falls, New York 14302  
Attention: Lee Evans

**83-INVOICE #:** 0884-59100A  
**INVOICE DATE:** 07SEPT1984  
**RE: P.O.#:** E-C-244-6814

-----  
**Burial Space Allocation Representative Services at  
the Barnwell, South Carolina Waste Disposal Site**

Date of Service: August 17, 1984

Fixed Price Service Charge: \$250.00

**TOTAL AMOUNT DUE PER THIS INVOICE** \$250.00

"I hereby certify that the amount due is correct and just, that payment  
therefore has not been received."

PAYEE: NUS Process Services

PLEASE REMIT TO:

BY:

Gerald P. Motl  
Gerald P. Motl, General Manager

NUS Process Services  
910 Clopper Road  
Gaithersburg, MD 20878

To insure proper credit, please include the invoice number with the  
remittance. This invoice is due and payable within thirty (30) days.  
Overdue balances are subject to an interest charge of one and one-half  
(1 1/2) percent for each month or portion thereof beyond the due date.

*Gerald P. Motl*  
9/14/84



# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



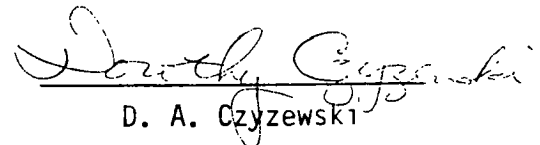
137 47TH STREET PO BOX 97 • NIAGARA FALLS NEW YORK 14302

To (Name) Invoice Auditing  
Umetco Minerals Corporation  
Division P.O. Box 1029  
Grand Junction, CO 81502

Date September 18, 1984  
Originating Dept TECHNOLOGY DEPARTMENT—ENGINEERING

Attached, please find the following approved invoices:

<u>Vendor</u>	<u>Amount</u>	<u>Invoice Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge To.</u>
Chem-Nuclear	\$11,182 08	51848	8/31/84	615-306705	84-615-885-10-100
Chem-Nuclear	\$11,182.08	51688	8/29/84	"	"
Chem-Nuclear	\$11,182.08	51696	8/29/84	"	"
Chem-Nuclear	\$6,988.80	51729	8/30/84	"	"

  
D. A. Czyzewski

CC: ~~L. G. Evans~~

UCCNHT0002788

## CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. 51729

## BILLING LOCATIONS.

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, SC 29812  
(803) 259-1781

Umetco Minerals Corporation

137 47th Street

Niagara Falls, NY 14302

ATTN

CUSTOMER #	80-100343	DATE	8/30/84	P.O. #/CONTRACT #	AS #	DIVISION	480
FOB	BARNWELL	PROJECT #	48000	MARKETING DIST	AN #	SHIP VIA	
			N		0884-325-A		
DESCRIPTION							AMOUNT
Services 8/27/84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri State on B/L #655872							
Shipment # 615-3004							
325 cuft of radwaste X 14.50/cuft							4,712.50
(5 containers @ 65 cuft/container)							
S.C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft X 325 cuft							812.50
S.C. Imposed Low Level Radwaste Tax of 4.00/cuft X 325 cuft							1,300.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (6,825.00)							163.80
							6,988.80

84-615-885-10-100  
Approved J. J. J. 9/6/84

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1½% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY

# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **51696**

## BILLING LOCATIONS:

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P O BOX 726  
SNELLING, S C 29812  
(803) 259-1781

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**Umetco Minerals Corporation**

**137 - 47th Street**

**Niagara Falls, NY 14302**

ATTN

CUSTOMER #		DATE	P O #/CONTRACT #		AS #	DIVISION
80-100343		8-29-84			37699	480
FOB	PROJECT #	MARKETING DIST	AN #	SHIP VIA		
BARNWELL	48000	N	0884-323-A			
DESCRIPTION						AMOUNT
Services 8-21-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S. C. by Tri-State on B/L #655870 Shipment #615-3002						
520 cuft of radwaste x 14.50/cuft (8 drums @65 cuft/drum)						7,540.00
S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 520 cuft						1,300.00
S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 520 cuft						2,080.00
Barnwell County Business License Tax @2.4% of Disposal Charges (10,920.00)						262.08
<i>Approved JH Ew 9/6/84</i>						11,182.08

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC  
P O BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY

# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **51688****BILLING LOCATIONS:**

CORPORATE OFFICE  
10 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN, ROAD  
HIWAY 64 / P O BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

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Umetco Mineral Corp.137 - 47th StreetNiagara Falls, NY 14302

ATTN

CUSTOMER # <b>80-100343</b>		DATE <b>8-29-84</b>		P O #/CONTRACT #		AS # <b>37682</b>		DIVISION <b>480</b>	
F O B <b>BARNWELL</b>		PROJECT # <b>48000</b>		MARKETING DIST <b>N</b>		AN # <b>0884-322-A</b>		SHIP VIA	
DESCRIPTION								AMOUNT	
<p>Services 8-18-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri-State on B/L#655869</p> <p>Shipment#615-3001</p> <p>520 cuft of radwaste x \$14.50/cuft. (8 drums @ 65 cuft/drum)</p> <p>S.C. Imposed Perpetuity Escrow Fund Charge of \$2.50/cuft x 520 cuft.</p> <p>S.C. Imposed Low Level Radwaste Tax of \$4.00/cuft x 520 cuft.</p> <p>Barnwell County Business License Tax @ 2.4% of Disposal Charges (10,920.00)</p>								7,540.00	
								1,300.00	
								2,080.00	
								262.08	
								<b>11,182.08</b>	

*Approved JMA 9/6/84*

**TERMS** NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1½% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

**JB**

CHEM-NUCLEAR SYSTEMS, INC  
P O BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY



# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **51848**

## BILLING LOCATIONS:

☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P O BOX 726  
SNELLING, S C 29812  
(803) 259-1781

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**Umetco Minerals Corporation**

**137 - 47th Street**

**Niagara Falls, NY 14302**

ATTN

CUSTOMER # <b>80-100343</b>	DATE <b>8-31-84</b>	P O #/CONTRACT #	AS # <b>37734</b>	DIVISION <b>480</b>
FOB <b>BARNWELL</b>	PROJECT # <b>48000</b>	MARKETING DIST <b>N</b>	AN # <b>0884-324-A</b>	SHIP VIA

### DESCRIPTION

### AMOUNT

Services 8-24-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S. C. by Tri-State on B/L #655821  
Shipment #615-3003

Disposal of 520 cuft of radwaste x 14.50/cuft  
(8 containers @65 cuft/container)

7,540.00

*Approved by [Signature] 9/11/84*

S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 520 cuft

1,300.00

S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 520 cuft

2,080.00

Barnwell County Business License Tax @2.4% of Disposal Charges (10,920.00)

262.08

11,182.08

TERMS NET 30 DAYS. INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC  
P O BOX 1478  
COLUMBIA, SC 29202

# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



137 47TH STREET PO BOX 97 • NIAGARA FALLS NEW YORK 14302

To (Name)

Invoice Auditing  
Umetco Minerals Corporation  
P.O. Box 1029  
Grand Junction, CO 81502


Date September 19, 1984

Division

Originating Dept TECHNOLOGY DEPARTMENT—ENGINEERING

Attached, please find the following approved invoices:

<u>Vendor</u>	<u>Amount</u>	<u>Invoice Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge To:</u>
APPLIED HEALTH	\$300.00	3-009-10048	9/13/84	615-244-6820	84-615-885-10-100

  
D. A. Czyzewski

CC: L. G. Evans

UCCNHT0002793



# SERVICES

- Radiation and Industrial Safety Surveys
- Repair & calibration of instruments & equipment
- Decontamination & waste disposal
- Radiation monitoring film badges
- Rent-A-Techs



HEALTH PHYSICS inc.

2986 Industrial Blvd Box 197 • Bethel Park, Pa 15102 • Phone 412 • 563-2242

- A- Sampling equipment
- Am-C clothing & accessories
- Shippable coatings
- Warning signs & devices
- Radiation shielding

## INVOICE

NAME AS SOLD TO\* UNLESS SPECIFIED

S  
OT  
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D  
ATTN: Accounts Payable  
UNION CARBIDE CORPORATION  
P.O. Box 97  
Niagara Falls, NY 14302

S  
HT  
IO  
P  
Umetco Minerals Corporation  
47th & A Street  
Niagara Falls, NY 14302  
ATTN: Gil Walck

DATE SHIPPED	FOB	SHIPPED VIA	SALESMAN	INVOICE DATE	INVOICE NUMBER
9/5/84	Bethel Park Pa	Federal Express	J. Douglas	9/13/84	3-009-10048

CUSTOMER ORDER NO	QUANTITY		DESCRIPTION	UNIT PRICE	UNIT	AMOUNT
	ORDERED	SHIPPED				
E-C-615-244-6320	60	60	AHP Smears	\$5.00/ea	50	\$300.00

*Original JWE  
9/17/84*

SUPPLIER REPRESENTS THAT WITH RESPECT TO THE PRODUCTION OF THE ARTICLES AND/OR THE PERFORMANCE OF THE SERVICES COVERED BY THIS INVOICE IT HAS FULLY COMPLIED WITH SECTION 1741 OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED

TERMS NET 30 DAYS Monthly service charge of 1 1/2% per month or 18% per annum added to past due accounts

TOTAL ➡ \$300.00

UCCNHT0002794



**INTERNAL  
CORRESPONDENCE**

**UNION CARBIDE CORPORATION** 137-47th Street PO BOX 97 NIAGARA FALLS NY 14302  
METALS DIVISION

To **Invoice Auditing**  
**UCC - Metals Div.**  
**PO Box 1029**  
**Grand Junction, Colo., 81502**

Date **September 10, 1984**

Originating Dept **TECHNOLOGY DEPARTMENT — ENGINEERING**

**Attached, please find the following approved invoices:**

<u>Vendor</u>	<u>Amount</u>	<u>Invoice</u> <u>Number</u> <u>Date</u>	<u>P/O No.</u>	<u>Charge to:</u>
TRI-STATE	\$1298.76	--    8/31/84 (Pro #655871)	---	84-615-885-10-100
TRI-STATE	\$1298.76	--    9/5/84 (Pro #655872)	---	84-615-885-10-100

*Dorothy Czyzewski*  
D. A. Czyzewski

Copy to: **L. G. Evans**

UCCNHT0002795

UCCNHT0002796

D-U-N-S  
00-987-0965



BDS/054

PRO NUMBER  
655871

REMIT TO: TRI STATE MOTOR TRANSIT CO.  
P.O. BOX 263-116  
KANSAS CITY, MO. 64193

SHIPPING DATE  
8/21/84

INVOICE DATE  
8/31/84

B  
I T UMETCO MINERAL  
L O ATTN: L.G. EVANS  
L PO BOX 97  
NIAGARA FALLS NY 14302

SHIPPER UMETCO MINERALS CO		ORIGIN NIAGARA FA NY		TARIFF 4007A 3000	TOTAL MILES 822	
CONSIGNEE CHEM NUC		DESTINATION BARNWELL SC		SHIPPER NUMBER 6153003		
LENGTH	WIDTH	HEIGHT	SEAL NO (S)	PLACARDS APPLIED	UNIT NUMBER	ICC CODE
					3216 445106TS	28190
ROUTING		INTERLINE POINT		C/L REFERENCE		

DESCRIPTION OF ARTICLES OR COMMODITY	WEIGHT	RATE	CHARGES
RAM 822 MI	42500	X 1.58	1298.76

ICC REGULATIONS REQUIRE PAYMENT  
OF ALL FREIGHT CHARGES WITHIN 7  
DAYS OF PRESENTATION

PLEASE REMIT THIS AMOUNT

1,298.76

DUPLICATE FREIGHT BILL

UCCNHT0002797



INTERNAL  
CORRESPONDENCE

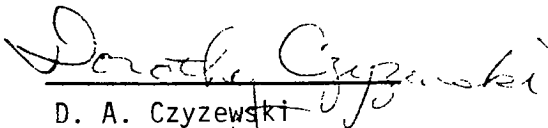
UNION CARBIDE CORPORATION 137-47th Street PO BOX 97 NIAGARA FALLS NY 14302  
METALS DIVISION

To Invoice Auditing  
UCC - Metals Div.  
PO Box 1029  
Grand Junction, Colo., 81502

Date August 29, 1984  
Originating Dept TECHNOLOGY DEPARTMENT — ENGINEERING

Attached, please find the following approved invoices:

Vendor	Amount	Invoice		P/O No.	Charge to:
		Number	Date		
Dube	\$23,652.30	--	7/31/84	615-309773	84-615-885-10-100
Mesch	\$784.00	00000793	8/24/84	615-4679	740-14520-70-20301
"	\$336.00	"	"	"	740-14520-70-18325

  
D. A. Czyzewski

Copy to: L. G. Evans

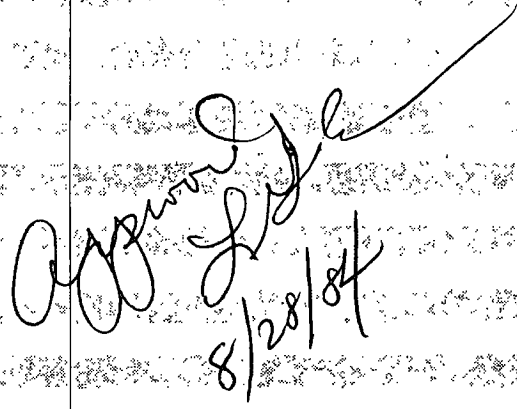
MESCHER ENGINEERING P.C.  
CONSULTING ENGINEERS  
285 MARKET STREET, P.O. BOX 451  
LOCHPORT, NEW YORK 14094 (716) 434-8276

S UMETCO MINERALS CORP  
O PO BOX 97  
L NIA FALLS, NY 14150  
D  
T ATTN. LEE EVAN  
O

S UMETCO MINERALS CORP  
H PO BOX 97  
I NIA FALLS, NY 14150  
P  
T ATTN. LEE EVAN  
O

MESCHER ENGINEERING P.C.  
CONSULTING ENGINEERS  
285 MARKET ST, P.O. BOX 451  
LOCHPORT, NY 14094 (716) 434-8276

UMETCO MINERALS CORP  
PO BOX 97  
NIA FALLS, NY 14150

DATE 08/24/84	SALESMAN	ORDER NO 815-4670	ORDER DATE 01/11/84	SHIPPED VIA	TERMS NET	INVOICE NO 00000793	
ORDERED	QUANTITY SHIPPED	BACK ORDERED	ITEM NUMBER	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
1	1			ON-SITE ENGINEERING - POSIC		1120.000	1120.00
 8/28/84							
NON TAXABLE	TAXABLE	SALES TAX	FREIGHT	MISCELLANEOUS	INVOICE TOTAL		1120.00
1120.00	.00	.00	.00	.00			

INVOICE DATE	INVOICE NO
08/24/84	00000793

PLEASE RETURN  
THIS PORTION  
OF THE INVOICE  
WITH YOUR  
PAYMENT

INVOICE TOTAL
1120.00

UCCNHT0002799

1154-11

UMETCO MINERALS CORP.

HOUR

JOB NO. 520-20074

WEEK END

DATE NAME

9/15/84

125.00 FUSE, DG

28

	28
PREMIUM LABOR COST	\$7.00
HRE RECAP WKLY	28
ACCUM.	150
\$ WEEKLY LABOR COST	\$784.00
ACCUM.	\$4200.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$784.00
LABOR & EXP. BILLABLE TO DATE	\$4200.00

UCCNHT0002800

1134-21

UMETCO MINERALS CORP.

HOURS

JOB NO. 520-18125

WEEK END

RATE NAME

5/19/84

\$25.00 PER HOUR

12

PREMIUM LABOR COST	12
HRS RECAP W/LY	\$0.00
ACCUM.	12
\$ WEEKLY LABOR COST	4.
ACCUM.	\$136.00
EXPENSES W/LY	\$136.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$14.00
LABOR & EXP. BILLABLE TO DATE	\$150.00

UCCNHT0002801



# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

PAGE #1

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731 3635  
July 31, 1984

Union CARBIDE Corp.  
Metals Division  
P.O. BOX 66  
Niagara Falls N.Y. 14302

885-10-100  
84-615-~~885~~

Approved  
J.S. Ewa  
8/27/84

Job location:

R.R. tracks behind Elkem Metals:

Removed debris, packed radio active ready for  
shipment:

## Labor & Equipment:

7/9/84

Ticket #4913

Truck 8 hrs. @ \$15.00 perhr.....	\$ 120.00
Pick up truck @ \$20.00 perday.....	\$ 20.00
Gas for pick up 2 tanks per week @ \$25.00 per tank.....	\$ 50.00
Backhoe w/operator 8 hrs. @ \$30.00 per hr..	\$ 240.00
5 ton fork lift @ \$100.00 per day.....	\$ 100.00
Torch set @ \$15.00 per day.....	\$ 15.00
2 labors 8 hrs. each @ \$11.00 per hr. each.	\$ 176.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
Scraper & grass cutter @ \$40.00 perday.....	\$ 40.00

7/10/84

Ticket #5584

Pick up truck @ \$20.00 per day.....	\$ 20.00
3 labors 7½ hrs. each @ \$11.00 per hr, each.	\$ 247.50
Backhoe w/operator 7½ hrs @ \$30.00 per hr...	\$ 225.00
5 ton fork @ \$100.00 per day.....	\$ 100.00
Dube 10 hrs. @ \$17.00 per hr pickde up material in buffalo.....	\$ 170.00
Scraper & grass cutter @ \$40.00 per day....	\$ 40.00
Torch set @ \$15.00 per day.....	\$ 15.00
Flat tire on fork lift R.R. spike, had to	

UCCNHT0002802

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #2

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #1

7/11/84

Ticket #5585

Pick up truck @ \$20.00 per day.....	\$ 20.00
Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
5 ton fork lift @ \$100.00 per day.....	\$ 100.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
3 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 264.00
Scraper & grass cutter @ \$40.00 per day.....	\$ 40.00
Torch set @ \$15.00 per day.....	\$ 15.00

7/12/84

Ticket #5072

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
5 ton fork lift @ \$100.00 per day.....	\$ 100.00
955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....	\$ 256.00
Pick up truck @ \$20.00 per day.....	\$ 20.00
Power brush cutter @ \$40.00 per day.....	\$ 40.00
2 labors 8 hrs. each @ \$11.00 per hr each.....	\$ 176.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00

7/13/84

" #5073

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
5 ton fork lift @ \$100.00 per day.....	\$ 100.00
955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....	\$ 256.00
Pick up truck @ \$20.00 per day,, '.....	\$ 20.00
2 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 176.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00

7/14/84

" #5074

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
955 Hylfit w/operator 8 hrs. @ \$32.00 per hr.....	\$ 256.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift @ \$250.00 per week.....	\$ 250.00
Pick up truck @ \$20.00 per day.....	\$ 20.00
Gas for pick up 2 tanks per week @ \$25.00	
per tank.....	\$ 50.00

UCCNHT0002803

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #3

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #2

	Dube 8 hrs & 2 hrs. to pick up material in Buffalo 10 Hrs. @ \$17.00 per hr.....\$ 170.00 4 labors 8 hrs. each @ \$11.00 per hr.each.....\$ 352.00
7/17/84	Ticket #5075 Backhoe w/operator 8 hrs. @ \$30.00 per hr.....\$ 240.00 955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....\$ 256.00 10 ton fork lift @ \$125.00 per day.....\$ 125.00 2 ton fork lift 8 hrs. Pick up truck @ \$20.00 per day.....\$ 20.00 Dube 8 hrs. @ \$17.00 per hr.....\$ 136.00 4 labors 8 hrs. each @ \$11.00 per hr. each.....\$ 352.00
7/18/84	" #5076 Backhoe w/operator 8 hrs. @ \$30.00 per hr.....\$ 240.00 955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....\$ 256.00 10 ton fork lift @ \$125.00 per day.....\$ 125.00 2 ton fork lift * hrs. Pick up truck @ \$20.00 per day.....\$ 20.00 Dube 8 hrs. @ \$17.00 per hr.....\$ 136.00 4 labors 8 hrs. each @ \$11.00 per hr.....\$ 352.00
7/19/84	" #5077 Backhoe w/operator 8 hrs. @ \$30.00 per hr.....\$ 240.00 955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....\$ 256.00 10 ton fork lift @ \$125.00 per day.....\$ 125.00 2 ton fork lift 8 hrs. Pick up truck @ \$20.00 per day.....\$ 20.00 Dube 8 hrs. @ \$17.00 per hr.....\$ 136.00 4 labors 8 hrs. each @ \$11.00 per hr.....\$ 352.00
7/20/84	" #5078 Backhoe w/operator 8 hrs. @ \$30.00 per hr.....\$ 240.00 955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....\$ 256.00

UCCNHT0002804

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #4

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #3

10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8 hrs.	
Pick up truck @ \$20.00 per day.....	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
4 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 352.00

7/23/84 Ticket #6633

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
955 Hylift w/operator 8 hrs. @ \$32.00 per hr.....	\$ 256.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8 hrs. @ \$250.00 per week...../	\$ 250.00
Pickup truck @ \$20.00 per day.....	\$ 20.00
Gas for pick up 2 tanks per week @ \$25.00 per tank.....	\$ 50.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
3 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 264.00
1 labor 5½ hrs. @ \$11.00 per hr.....	\$ 60.50

7/24/84

"

#6634

BACKhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
Dozer w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8 hrs.	
Pick up truck @ \$20.00 per day.....	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
4 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 352.00

7/25/84

"

#5079

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
Dozer w/operator 8 hrs. @ " " " PER HR	\$ 240.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8 hrs.	
PICK up truak @ \$20.00 per day.....	\$ 20.00

UCCNHT0002805

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #5

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731 3635

continued from page #4

7/26/84

Ticket #5080

Tandum truck & driver 8 hrs, @ \$25.00 per hr....	\$ 200.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
4 labors 8 hrs.each @ \$11.00 per hr. each.....	\$ 352.00

Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
Dozer w/operator 8 hrs. " " ".....	\$ 240.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8 hrs.	
Pick up truck @ \$20.00 per day.....	\$ 20.00
Tandum truck & driver 8 hrs @ \$25.00 per hr....	\$ 200.00
Pick up truck @ \$20.00 per day.....	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
3 labors 8 hrs. each @ \$11.00 per hr. each.....	\$ 264.00

7/27/84

"

#5081	
Backhoe w/operator 8 hrs. @ \$30.00 per hr.....	\$ 240.00
Dozer w/opertaor 8 hrs. " " " " .....	\$ 240.00
10 ton fork lift @ \$125.00 per day.....	\$ 125.00
2 ton fork lift 8hrs.	
Tandum truck & driver 4 hrs. @ \$25.00 per hr..	\$ 100.00
Pick up truck @ \$20.00 per day.....	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr.....	\$ 136.00
3 labors 8 hrs. each @ \$11.00 per hr.each.....	\$ 264.00

Total due on labor & equipment..... \$16,644.54

Material on job:

Broom & broom handles.....	\$ 17.98
5 street brooms .....	\$ 52.97
Caulk & caulking guns.....	\$ 42.69
Maleo #M15 snips & Nail cloth.....	\$ 22.68
4 #867 spray paint.....	\$ 14.51

UCCNHT0002806

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #6

Paving Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #5

30 tubes relin caulking.....	\$ 30.50
Clear tape & masking tape.....	\$ 10.11
2 rolls of tape.....	\$ 9.95
Shovels & handles.....	\$ 32.53
20-cases of rely caulking.....	\$ 186.66
10-32x200 mill black .....	\$ 702.33
12-32x100 " ".....	\$ 834.60
3-32x100 " ".....	\$ 240.71
40-2x4.....	\$ 63.77
#50 sinkers.....	\$ 20.28
30-2x4's.....	\$ 47.83
30-2x4's & nails.....	\$ 88.38
30-2x4's studs.....	\$ 47.83
4 nozzles.....	\$ 10.55
#7 4202 nozzles.....	\$ 10.55
Yard line.....	\$ 16.05
Dumped debris @ Modern Landfill	
2 loads @ \$70.00 per load.....	\$ 140.00

TOTAL MATERIALS.....\$2,643.46

Labor & equipment.....\$ 16,664.54

Materials.....\$ 2,643.46

\$ 19,308.00

10% overhead.....\$ 1,930.80

\$ 21,238.80

5% profit.....\$ 1,061.94

\$ 22,300.74

State tax.....\$ 1,351.56

TOTAL DUE.....\$ 23,652.30

UCCNHT0002807



INTERNAL  
CORRESPONDENCE

UNION CARBIDE CORPORATION 137-47th Street PO BOX 97, NIAGARA FALLS NY 14302  
METALS DIVISION

To Invoice Auditing  
UCC - Metals Div.  
PO Box 1029  
Grand Junction, Colo., 81502

Date September 13, 1984  
Originating Dept TECHNOLOGY DEPARTMENT — ENGINEERING

Attached, please find the following approved invoices:

Vendor	Amount	Invoice		P/O No.	Charge to:
		Number	Date		
Dube	\$26,805.82	----	7/30-8/27/84	615-309773	84-615-885-10-100

*D. A. Czyzewski*  
D. A. Czyzewski

Copy to: L. G. Evans

UCCNHT0002808

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #1

Paving Black Top Driveways Trenching Remodeling Building Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132  
Union Carbide Corp.  
Metals Division  
P. O. Box 66  
Niagara Falls N. Y. 14302  
Attn: Mr. G.E. Walck

SANBORN 731-3635

R. R. N tracks behind Elkems.

Remove debris, pack radio active in boxes for shipping:  
Labor & Equipemnt.

7/30/84

Ticket #5083

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
Dozer w/operator 8 " " " "	\$ 240.00
10 ton fork lift 8 hrs. @ \$125.00 per day	\$ 125.00
2 ton " " " " @ \$250.00 per week	\$ 250.00
Pick up truck @ \$20.00 per day	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
4 labors 8 hrs. each @ \$11.00 per hr each	\$ 352.00
Gas for pick up 2 tanks per week @ \$25.00 per tank	\$ 50.00

7/31/84

" #5034

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
10 ton fork lift 8 hrs. @ \$125.00 per day	\$ 125.00
2 " " " 8 "	
Pick up truck @ \$20.00 per day	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
4 labors 8 hrs. each @ \$11.00 per hr each	\$ 352.00

8/1/84

" #5085

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
Dozer w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
10 ton fork lift 8 hrs. @ \$125.00 per day	\$ 125.00
2 ton fork lift	
3 labors 8 hrs. each @ \$11.00 per hr. each	\$ 264.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
Pick up truck @ \$20.00 per day	\$ 20.00
8-12 yds of clay @ \$65.00 per load	\$ 520.00
1 labor 4 hrs. @ \$11.00 per hr	\$ 44.00

8/2/84

" #5086

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
2 ton fork lift	
1 labor 8 hrs. @ \$11.00 per hr	\$ 88.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00

UCCNHT0002809



# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #2

Paving Black Top Driveways Trenching Remodeling Building Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #1

	Pick up truck @ \$20.00 per day	\$ 20.00
	Compressor & buster @ \$40.00 per day	\$ 40.00
8/3/84	Ticket #5087	
	Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
	Compressor & buster @ \$40.00 per day	\$ 40.00
	10 ton fork lift @ \$125.00 per day	\$ 125.00
	2 ton fork lift	
	Pick up truck @ \$20.00 per day]	\$ 20.00
	Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
	2 labors 8 hrs. each @ \$11.00 per hr each	\$ 176.00
	1 labor 6 hrs. @ \$11.00 per hr	\$ 66.00
8/6/84	Ticket #6638	
	Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
	Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
	10 ton fork lift @ \$125.00 per day	\$ 125.00
	2 ton fork lift @ \$250.00 per week	\$ 250.00
	Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
	Pick up truck @ \$20.00 per day	\$ 20.00
	2 labors 8 hrs. each @ \$11.00 per hr. each	\$ 176.00
	Gas for pick up truck 2 tanks per week @ 25.00 each	\$ 50.00
8/7/84	Ticket #6640	
	Backhoe w/operator 8 hrs. @ \$30.00 per hr.	\$ 240.00
	10 ton fork lift @ \$125.00 per day	\$ 125.00
	2 " "	
	Pick up truck @ \$20.00 per day	\$ 20.00
	Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
	Buster & compressor @ \$40.00 per day	\$ 40.00
	Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
	3 labors 8 hrs. each @ \$11.00 per hr each	\$ 264.00
8/8/84	Ticket #5088	
	Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
	10 ton fork lift @ \$125.00 per day	\$ 125.00
	2 " " "	
	Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
	Pick up truck @ \$20.00 per day	\$ 20.00
	3 labors 8 hrs. each @ \$11.00 per hr each	\$ 264.00
	Dube 8 hrs. @ \$17.00 per hr	\$ 136.00

UCCNHT0002810

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #3

Paving Black Top Driveways Trenching Remodeling Building Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #2

8/9/84

Ticket #5089

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
10 ton fork lift @ \$125.00 per day	\$ 125.00
2 ton fork lift	
Pick up truck @ \$20.00 per day	\$ 20.00
2 labors 8 hrs. each @ \$11.00 per hreach	\$ 176.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
1 labor 4 hrs @ \$11.00 per hr	\$ 44.00
Flatbed to transport Compactor	\$ 150 00

8/10/84

Ticket #5090

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
10 ton fork lift @ \$125.00 per day	\$ 125.00
2 "	
Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
Pick up truck @ \$20.00 per day	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
3 labors 8 hrs. each @ \$11.00 per hr each	\$ 264.00
Compactor roller @ \$550.00 per week	\$ 550.00
Tandum truck to haul 6 loads of clay @ \$65.00 per load	\$ 390.00

8/11/84

Ticket #5092

Dozer w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
Roller compactor	
truck & driver to haul 16 loads of clay @ \$65.00 per load	\$ 1,040.00
Truck & driver to haul 4 loads of clay @ \$65.00 per lds	\$ 260.00
Pick up truck @ \$20.00 per day	\$ 20.00
Dube 8 hrs. @ \$17.00 per hr	\$ 136.00

8/13/84

Ticket #5091

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
10 ton fork lift @ \$125.00 per day	\$ 125.00
2 " " "	
Dube 8 hrs. @ \$17.00 per hr	\$ 136 00
Pick up truck @ \$20.00 per day	\$ 20.00
1 labor 6 hrs. @ \$11.00 per hr	\$ 66.00
Gas for pick up truck 1 tank per week @ \$25.00	\$ 25.00

8/14/84

Ticket #5093

Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
Roller compactor	\$ 275.00

UCCNHT0002811

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #4

Paving - Black Top Driveways - Trenching - Remodeling - Building - Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued from page #3

		2 ton fork lift	
		10 ton fork lift @ \$125.00 per day	\$ 125.00
		1 labor 8 hrs. @ \$11.00 per hr	\$ 88.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
8/15/84	Ticket	#5465	
		Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
		Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
		Roller compactor	
		10 ton fork lift @ \$125.00 per day	\$ 125.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
		1 labor 8 hrs. @ \$11.00 per hr	\$ 88.00
		Hauled 5 loads of clay @ \$65.00 per load	\$ 325.00
8/16/84	Ticket	#5094	
		Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
		Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
		10 ton fork lift @ \$125.00 per day	\$ 125.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
		1 labor 8 hrs. @ \$11.00 per hr	\$ 88.00
		Roller Compactor 8 hrs.	
8/17/84	Ticket	#5095	
		Backhoe w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
		Dozer 8 hrs. @ \$152.00 per day	\$ 152.00
		Roller compactor 8 hrs.	
		Pick up truck @ \$20.00 per day	\$ 20.00
		1 labor 8 hrs. @ \$11.00 per hr.	\$ 88.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		10 ton fork lift @ \$125.00 per day	\$ 125.00
8/20/84	Ticket	#6642	
		Dozer w/operator 8 hrs. @ \$30.00 per hr	\$ 240.00
		10 ton fork lift @ \$125.00 per day	\$ 125.00
		1 labor 8 hrs. @ \$11.00 per hr	\$ 88.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
		Gas for pick up 1 tank per week @ \$25.00 per tank	\$ 25.00

UCCNHT0002812

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #5

*Paving Black Top Driveways Trenching Remodeling Building Trucking*

2267 LOCKPORT RD  
SANBORN, N. Y. 14132  
continued from page #4

SANBORN 731-3635

8/21/84	Ticket #6643	10 ton fork lift @ \$125.00 per day	\$ 125.00
		2 labors 8 hrs. each @ \$11.00 per hr each	\$ 176.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
8/22/84	" #6644	10 ton fork lift @ \$125.00 per day	\$ 125.00
		2 labors 8 hrs. each @ \$11.00 per hr each	\$ 176.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Pick up truck @ \$20.00 per day	\$ 20.00
8/23/84	" #6646	10 ton fork lift @ \$125.00 per day	\$ 125.00
		2 labors 8 hrs. each @ \$11.00 per hr each	\$ 176.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
		Trailer to transport dozer & roller compacter	\$ 75.00
8/24/84	" #6647	10 ton fork lift @ \$125.00 per day	\$ 125.00
		Pick up truck @ \$20.00 per day	\$ 20.00
		2 labors 8 hrs. each @ \$11.00 per hr each	\$ 176.00
		Dube 8 hrs. @ \$17.00 per hr	\$ 136.00
8/27/84	" #6102	10 ton fork lift left on job site 1 week @ \$75.00 per day	\$ 375.00
TOTAL DUE LABOR & EQUIPMENT			\$ 19,877.00

TERMS 1% discount 10th 30 days net. 2% per month on unpaid balance

UCCNHT0002813

# Dube Construction Co.

GENERAL CONTRACTORS AND BUILDERS

Page #6

Paving Black Top Driveways Trenching Remodeling Building Trucking

2267 LOCKPORT RD  
SANBORN, N Y 14132

SANBORN 731-3635

continued form page #5

## Materials

2 #50 sinkers	\$ 37.90
10 R 1x2x8 spruce furring	\$ N/C
2 rolls of black poly plastic	\$ 119.90
30 pieces 2x4 spruce	\$ 44.70
2 caulking guns	\$ 5.98
20 2x4's	\$ 29.80
1 2x8x10	\$ 3.95
50 pounds nails	\$ 18.95
1 4x4	\$ 4.99
6 rolls 32x100 plastic poly	\$ 390.00
Rental of gas post holes	\$ 33.85
10 cases of caulking dap	\$ 95.00
Derust spray blue	\$ 6.80
" " black	\$ 6.80
2 rigdig shovel	\$ 34.66
10 cases dab gray oil caulk	\$ 190.00
3 yds of concrete w/wire mesh	\$ 194.66
Acetteline & oxygen	\$ 151.16
5 loads to Modern Disposal	\$ 625.00
4 cans derust spray paint @\$2.80(last bil')	\$ 11.20

\$ 2,005.30

Total labor & equipment	\$ 19,877.00
" materials	\$ 2,005.30

\$ 21,882.30

10% overhead	\$ 2,188.23
--------------	-------------

\$ 24,070.53

5% profit	\$ 1,203.53
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\$ 25,274.06

State tax 7%	\$ 1,531.76
--------------	-------------

TOTAL DUE THIS BILL	\$ 26,805.82
---------------------	--------------

Approved  
J. S. Evans  
9/12/84

UCCNHT0002814



INTERNAL  
CORRESPONDENCE

UNION CARBIDE CORPORATION 137-47th Street PO BOX 97 NIAGARAFALLS NY 14302  
METALS DIVISION

To Invoice Auditing  
UCC - Metals Div.  
PO Box 1029  
Grand Junction, Colo., 81502

Date August 16, 1984  
Originating Dept TECHNOLOGY DEPARTMENT — ENGINEERING

Attached, please find the following approved invoices:

Vendor	Amount	Invoice		P/O No.	Charge to:
		Number	Date		
Western Union	\$128.08	--	8/1/84	615-309816	14740-14520-08
Leupold & Stevens	\$7.50	9859	8/6/84	--	14740-14520-40
MESCH	\$280.00	00000718	8/3/84	615-4679	740-14520-70-18331
"	\$168.00	"	"	"	740-14520-70-20301
"	\$448.00	"	"	"	740-14520-70-92825
"	\$224.00	"	"	"	740-14520-70-18325
NUS	\$250.00	0784-0163A	8/2/84	244-6814	84-615-885-10-100

D. A. Czyzewski

Copy to: L. G. Evans

# NUS PROCESS SERVICES

**IN ACCOUNT WITH:**

UMETCO Minerals Corporation  
P.O. Box 97  
Niagara Falls, New York 14302  
Attention: Lee Evans

83-INVOICE #: 0784-0163A  
INVOICE DATE: 02AUG1984  
RE: P.O.#: E-C-244-6814

-----

**Burial Space Allocation Representative Services at  
the Barnwell, South Carolina Waste Disposal Site**

Date of Service: August 1, 1984

Fixed Price Service Charge: \$250.00

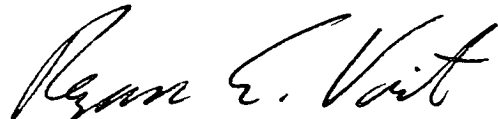
**TOTAL AMOUNT DUE PER THIS INVOICE** \$250.00

"I hereby certify that the amount due is correct and just, that payment therefore has not been received."

PAYEE: NUS Process Services

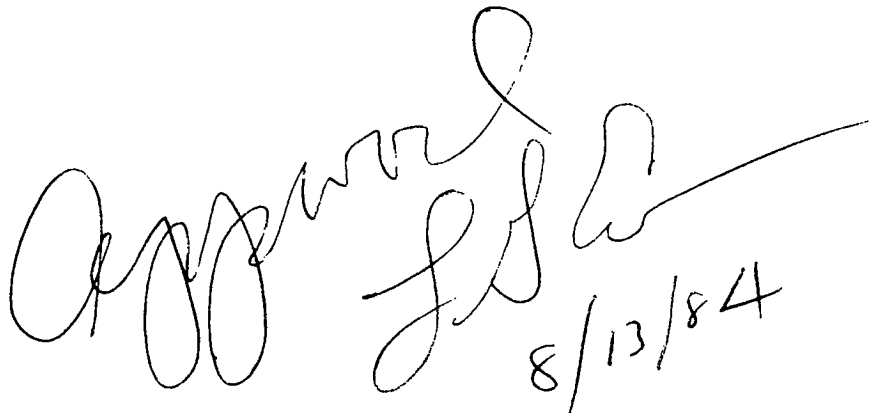
PLEASE REMIT TO:

BY:

  
Gerald P. Motl, General Manager

NUS Process Services  
910 Clopper Road  
Gaithersburg, MD 20878

To insure proper credit, please include the invoice number with the remittance. This invoice is due and payable within thirty (30) days. Overdue balances are subject to an interest charge of one and one-half (1 1/2) percent for each month or portion thereof beyond the due date.

  
8/13/84

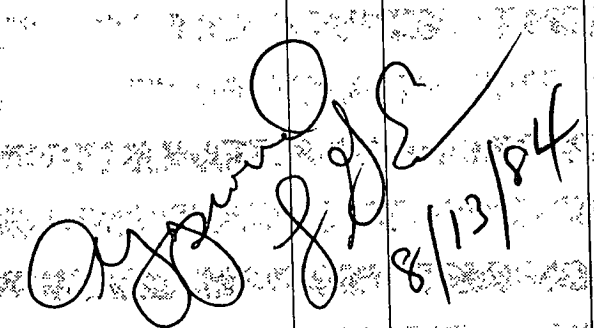
MESCH ENGINEERING  
CONSULTING ENGINEERS  
285 MARKET STREET, P.O. BOX 451  
LOCKPORT, NEW YORK 14094 (716) 434-6276

MESCH ENGINE  
CONSULTING ENGINEERS  
285 MARKET ST., P.O.  
LOCKPORT, NY 14094 (716)

UMETCO MINERALS CORP  
PO BOX 97  
NIA FALLS, NY 14150  
ATTN. LEE EVAN

UMETCO MINERALS CORP  
PO BOX 97  
NIA FALLS, NY 14150  
ATTN. LEE EVAN

UMETCO MINERAL  
18400

DATE 08/03/84	SALESMAN 2	ORDER NO 515-4679	ORDER DATE 01/17/84	SHIPPED VIA	TERMS NET	INVOICE NO 00000718			
ORDERED	QUANTITY SHIPPED	BACK ORDERED	ITEM NUMBER	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT		
1	1			ON-SITE ENGINEERING-FEE		1120.000	1120.00		
									
NON-TAXABLE		TAXABLE		SALES TAX		FREIGHT		MISCELLANEOUS	
1120.00		.00		.00		.00		.00	
INVOICE TOTAL						1120.00			

INVOICE DATE	INVOICE NO.
08/03/84	00000718

PLEASE RETURN  
THIS PORTION  
OF THE INVOICE  
WITH YOUR  
PAYMENT.

INVOICE TOTAL	1120.00
---------------	---------

UCCNHT0002817



11-4-11 JMETCO MINERALS CORP.

JOB NO. 500-19301

RATE NAME

HOURS

WEEK END

7/29/84

\$10. F03E,10

10

	10
PREMIUM LABOR COST	\$0.00
HRS RECAP WPLY	10
ACUM.	20
\$ WEEKLY LABOR COST	\$290.00
ACUM.	\$560.00
EXPENSES WPLY	\$0.00
ACUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$290.00
LABOR & EXP. BILLABLE TO DATE	\$560.00

UCCNHT0002818

164-20 UMETED MINERALS COFF.  
JOB NO. 504-2001  
RATE NAME

HOURS  
WEEK END  
7/29/84

\$20.0 FDSE DG

6

PREMIUM LABOR COST	\$0.00
HRD RECAP W/LY	
ACCUM.	91
\$ WEEKLY LABOR COST	\$165.00
ACCUM.	\$1540.00
EXPENSES W/LY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$165.00
LABOR & EXP. BILLABLE TO DATE	\$2545.00

UCCNHT0002819

1984-01 UMETCO MINERALS CORP.  
JOE NO 520-52825  
RATE NAME

HOURS  
WEEK END  
7/29/84

\$25.00 PER HOUR

16

PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	16
ACCUM.	16
\$ WEEKLY LABOR COST	\$448.00
ACCUM.	\$448.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$448.00
LABOR & EXP. BILLABLE TO DATE	\$448.00

UCCNHT0002820

1124-20 UMETCO MINERALS CORP.  
JOB NO. 52-18025  
RATE NAME

HOUR:  
WEEK END  
7/29/94

\$22.00 FREE,DC

3

PREMIUM LABOR COST	\$1.00
WFLY	3
ACCU	3
\$ WEEKLY LABOR COST	\$224.00
ACCU	\$224.00
EXPENSES WFLY	\$0.00
ACCU	\$0.00
WEEKLY BILLABLE TOTAL	\$224.00
LABOR & EXP. BILLABLE TO DATE	\$224.00

UCCNHT0002821

INTERNAL  
CORRESPONDENCEUNION CARBIDE CORPORATION 137-47th Street, P.O. BOX 97 NIAGARA FALLS NY 14302  
METALS DIVISION

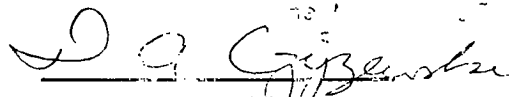
To Invoice Auditing  
UCC - Metals Div.  
PO Box 1029  
Grand Junction, Colo., 81502

Date June 5, 1984

Originating Dept TECHNOLOGY DEPARTMENT — ENGINEERING

Attached, please find the following approved invoices:

<u>Vendor</u>	<u>Amount</u>	<u>Invoice</u> <u>Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge to:</u>
NUS Process Services	\$250.00	0584-0163A	5/24/84	EC244-6814	84-615-885-10-100

  
D. A. Gyzewski

Copy to: L. G. Evans

UCCNHT0002822

# NUS PROCESS SERVICES

**IN ACCOUNT WITH:**

UMETCO Minerals Corporation  
P.O. Box 97  
Niagara Falls, New York 14302  
Attention: Accounts Payable

83-INVOICE #: 0584-0163A  
INVOICE DATE: 24MAY1984  
RE: P.O.#: E-C-244-6814

Burial Space Allocation Representative Services at the Barnwell, South Carolina Waste Disposal Site

Date of Service: May 1, 1984

Fixed Price Service Charge: \$250.00

**TOTAL AMOUNT DUE PER THIS INVOICE** \$250.00

"I hereby certify that the amount due is correct and just, that payment therefore has not been received."

PAYEE: NUS Process Services

PLEASE REMIT TO:

NUS Process Services  
910 Clopper Road  
Gaithersburg, MD 20878

BY:

Gerald P. Motl  
Gerald P. Motl, General Manager

To insure proper credit, please include the invoice number with the remittance. This invoice is due and payable within thirty (30) days. Overdue balances are subject to an interest charge of one and one-half (1 1/2) percent for each month or portion thereof beyond the due date.

*Approved J.S. 6/4/84*  
~~700005088-1167-213~~  
84-615-885-10-100

# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



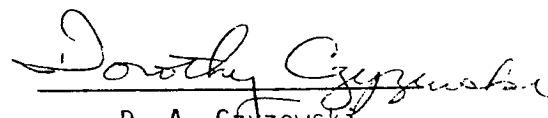
137 47TH STREET PO BOX 97 • NIAGARA FALLS NEW YORK 14302

To (Name) Invoice Auditing  
Umetco Minerals Corporation  
Division P.O. Box 1029  
Grand Junction, CO 81502

Date October 2, 1984  
Originating Dept TECHNOLOGY DEPARTMENT—ENGINEERING

Attached, please find the following approved invoices:

<u>Vendor</u>	<u>Amount</u>	<u>Invoice Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge To.</u>
APPLIED HEALTH	\$400.00	3-009-10072	9/20/84	244-6820	740-885-1167-15
APPLIED HEALTH	\$300.00	3-008-1008	8/27/84	244-6820	740-885-1167-15
MESCH	\$420.00	00000892	9/20/84	615-4679	740-14520-70-14355
"	\$196.00	"	"	"	740-14520-70-12302
"	\$504.00	"	"	"	740-14520-70-18325
"	\$ 28.00	"	"	"	740-14520-70-18362
MESCH	\$ 56.00	00000876	9/14/84	615-4679	740-14520-70-14355
"	\$616.00	"	"	"	740-14520-70-12302
"	\$140.00	"	"	"	740-14520-70-18325
"	\$84.00	"	"	"	740-14520-70-18362

  
D. A. Czyzewski

CC: L. G. Evans

UCCNHT0002824

# SERVICES

- Radiation and Industrial Safety Surveys
- Repair & calibration of instruments & equipment
- Decontamination & waste disposal
- Radiation monitoring film badges
- Rent-A-Techs



HEALTH PHYSICS inc

2986 Industrial Blvd Box 197 • Bethel Park, Pa 15102 • Phone 412 • 563-2242

# PRODUCTS

- Air Sampling Equipment
- Anti-C clothing-disposables
- Strippable coatings
- Warning signs & devices
- Radiation shielding

## INVOICE

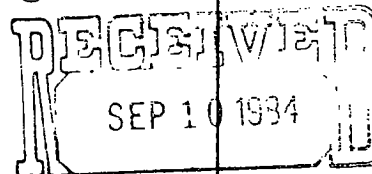
same as SOLD TO UNLESS SPECIFIED

ATTN: Accounts Payable  
UMETCO MINERALS CORPORATION  
P.O. Box 66  
Niagara Falls, NY 14302

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DATE SHIPPED	FOB	SHIPPED VIA	SALESMAN	INVOICE DATE	INVOICE NUMBER	
3/21/84	Bethel Park Pa	Federal Express	J. Douglas	3/27/84	3-008-10008	
CUSTOMER ORDER NO	QUANTITY		DESCRIPTION	UNIT PRICE	UNIT	AMOUNT
	ORDERED	SHIPPED				
E-C-244-6820	60	60	AHP Smears	\$5.00/ea	60	\$300.00

*Approved J.D. 9/4/84*



SELLER REPRESENTS THAT WITH RESPECT TO THE PRODUCTION OF THE ARTICLES AND/OR THE PERFORMANCE OF THE SERVICES COVERED BY THIS INVOICE IT HAS FULLY COMPLIED WITH SECTION 1714 OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED

TERMS: NET 30 DAYS Monthly service charge of 1 1/2% per month or 18% per annum added to past due accounts

TOTAL ➡ \$300.00

UCCNHT0002825



# SERVICES

- Radiation and Industrial Safety Surveys
- Repair & calibration of instruments & equipment
- Decontamination & waste disposal
- Radiation monitoring film badges
- Rent-A-Techs



HEALTH PHYSICS inc

2986 Industrial Blvd Box 197 • Bethel Park, Pa 15102 • Phone 412 • 563-2242

# PRODUCTS

- Air Sampling Equipment
- Anti-C clothing-disposables
- Strippable coatings
- Warning signs & devices
- Radiation shielding

## INVOICE

NAME AS SOLD TO UNLESS SPECIFIED

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ATTN: Accounts Payable  
UNION CARBIDE CORPORATION  
P.O. Box 97  
Niagara Falls, NY 14302

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Umetco Minerals Corporation  
47th & A Street  
Niagara Falls, NY 14302

DATE SHIPPED	F O B	SHIPPED VIA	SALESMAN	INVOICE DATE	INVOICE NUMBER	
9/11/84	Bethel Park Pa	Federal Express	J. Douglas	9/20/84	3-009-10072	
CUSTOMER ORDER NO	QUANTITY		DESCRIPTION	UNIT PRICE	UNIT	AMOUNT
	ORDERED	SHIPPED				
E-C-244-6820	80	80	AHP Smears	\$5.00/ea	80	\$400.00

*Applied Health Physics Inc*  
*J. Douglas*  
*9/25/84*

Seller represents that with respect to the production of the articles and or the performance of the services covered by this invoice it has fully complied with section 314 of the Fair Labor Standards Act of 1938 as amended

TERMS: NET 30 DAYS Monthly service charge of 1 1/2% per month or 1 1/2% per annum added to past due accounts

TOTAL ➡ \$400.00

UCCNHT0002826

MESCH ENGINEERING, P.C.  
CONSULTING ENGINEERS  
285 MARKET STREET, P.O. BOX 451  
LOCHPORT NEW YORK 14094 (716) 434-6276

MESCH ENGINEERING, P.C.  
CONSULTING ENGINEERS  
285 MARKET ST., P.O. BOX 451  
LOCHPORT, NY 14094 (716) 434-6276

SUMETCO MINERALS CORP  
P.O. BOX 97  
NIA FALLS, NY 14150  
ATTN. LEE EVAN

SUMETCO MINERALS  
P.O. BOX 97  
NIA FALLS, NY 14150  
ATTN. LEE EVAN

SUMETCO MINERALS CORP  
12400

DATE 07/14/84	SALESMAN C	ORDER NO 615 4677	ORDER DATE 07/17/84	SHIPPED VIA	TERMS NET	INVOICE NO 00000876
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INVOICE DATE 07/14/84	INVOICE NO 00000876
--------------------------	------------------------

ORDERED	QUANTITY	BACK	ITEM NUMBER	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
SHIPPED	ORDERED						
1	1			ON SITE ENGINEERING-FUSE		896.00	896.00
				<p><i>Approved 8/24/84</i></p>			
NON-TAXABLE		TAXABLE	SALES TAX	FREIGHT	MISCELLANEOUS	INVOICE TOTAL	
						896.00	

PLEASE RETURN  
THIS PORTION  
OF THE INVOICE  
WITH YOUR  
PAYMENT

INVOICE TOTAL

UCCNHT0002827

1184-16 UMETCO MINERALS CORP.  
JOB NO. 520-14355  
RATE NAME

HOURS  
WEEK END  
9/9/84

\$28.00 FOSE, DG

2

	2
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	2
ACCUM.	22
\$ WEEKLY LABOR COST	\$56.00
ACCUM.	\$616.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$56.00
LABOR & EXP. BILLABLE TO DATE	\$616.00

UCCNHT0002828

1184-21 UMETCO MINERALS CORP.  
JOB NO. 520-12302  
RATE NAME

HOURS  
WEEK END  
9/9/84

\$28.00 FOSE,DG

22

	22
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	22
ACCUM.	54
\$ WEEKLY LABOR COST	\$616.00
ACCUM.	\$1512.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$616.00
LABOR & EXP. BILLABLE TO DATE	\$1512.00

UCCNHT0002829

1124-23 UMETCO MINERALS CORP.  
JOB NO. 520-18325  
RATE NAME

HOURS  
WEEK END  
9/9/84

\$28.00 FOSE, DG

5

	5
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	5.
ACCUM.	53
\$ WEEKLY LABOR COST	\$140.00
ACCUM.	\$1484.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$140.00
LABOR & EXP. BILLABLE TO DATE	\$1484.00

UCCNHT0002830

1184-27 UMETCO MINERALS CORP.  
JOB NO. 520-18362  
RATE NAME

HOURS  
WEEK END  
9/9/84

\$28.00 FOSE, DG

3

	3
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	3
ACCUM.	9
\$ WEEKLY LABOR COST	\$84.00
ACCUM.	\$252.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$84.00
LABOR & EXP. BILLABLE TO DATE	\$252.00

UCCNHT0002831

[illegible]

SUMMITO MINERALS  
HPO BOX 97  
POTSDAM, NY 14150  
ATTN. LEE EVAN  
O

AMEICO MINERALS C  
10400

INVOICE DATE	INVOICE NO
07/20/84	00000895

PLEASE RETURN  
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OF THE INVOICE  
WITH YOUR  
PAYMENT

PLEASE RETURN  
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**INVOICE TOTAL**

1148.30

UCCNHT0002832

1184-16 UMETCO MINERALS CORP.  
JOB NO. 520-14355  
RATE NAME

HOURS  
WEEK END  
9/16/84

\$28.00 FOSE,DG

15

	15
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	15
ACCUM.	37
\$ WEEKLY LABOR COST	\$420.00
ACCUM.	\$1036.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$420.00
LABOR & EXP. BILLABLE TO DATE	\$1036.00

UCCNHT0002833



1184-21 UMETCO MINERALS CORP.

JOB NO. 520-12302

RATE NAME

\$28.00 FOSE, DG

HOURS

WEEK END

9/16/84

7

	7
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	7
ACCUM.	61
\$ WEEKLY LABOR COST	\$196.00
ACCUM.	\$1708.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$196.00
LABOR & EXP. BILLABLE TO DATE	\$1708.00

UCCNHT0002834

1184-23

UMETCO MINERALS CORP.

JOB NO. 520-18325

RATE NAME

HOURS

WEEK END

9/16/84

\$28.00 FOSE, DG

18

	18
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	18
ACCUM.	71
\$ WEEKLY LABOR COST	\$504.00
ACCUM.	\$1988.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$504.00
LABOR & EXP. BILLABLE TO DATE	\$1988.00

UCCNHT0002835

1184-27 UMETCO MINERALS CORP.  
JOB NO. 520-18362  
RATE NAME

HOURS  
WEEK END  
9/16/84

\$28.00 FOSE, DG

1

	1
PREMIUM LABOR COST	\$0.00
HRS RECAP WKLY	1
ACCUM.	10
\$ WEEKLY LABOR COST	\$28.00
ACCUM.	\$280.00
EXPENSES WKLY	\$0.00
ACCUM.	\$0.00
WEEKLY BILLABLE TOTAL	\$28.00
LABOR & EXP. BILLABLE TO DATE	\$280.00

UCCNHT0002836

# Umetco Minerals Corporation

INTERNAL  
CORRESPONDENCE



137 47TH STREET PO BOX 97 • NIAGARA FALLS NEW YORK 14302

To (Name) Invoice Auditing  
Umetco Minerals Corporation  
Division P.O. Box 1029  
Grand Junction, CO 81502

Date October 2, 1984  
Originating Dept TECHNOLOGY DEPARTMENT—ENGINEERING

Attached, please find the following approved invoices:

<u>Vendor</u>	<u>Amount</u>	<u>Invoice</u> <u>Number</u>	<u>Date</u>	<u>P/O No.</u>	<u>Charge To:</u>
TRI STATE	\$1298.76	-- (Pro #657967)	9/18/84	---	84-615-885-10-100
TRI STATE	\$1298.76	-- (Pro #657966)	9/17/84	---	84-615-885-10-100
TRI STATE	\$4,077.54	--	9/18/84	---	84-615-885-10-100
CHEM-NUCLEAR	\$11,182.08	52063	9/14/84	615-306705	84-615-885-10-100
CHEM-NUCLEAR	\$11,182.08	52098	9/19/84	"	84-615-885-10-100
CHEM-NUCLEAR	\$11,182.08	52126	9/21/84	"	84-615-885-10-100
CHEM-NUCLEAR	\$8,386.56	52131	9/21/84	"	84-615-885-10-100

*Dorothy Czyzewski*  
D. A. Czyzewski

CC: L. G. Evans

UCCNHT0002837

D.U.N-S  
00-987-0965



General Commodities Between All Ports in U.S.

BDS/054

PRO NUMBER  
657971

REMIT TO:

TRI STATE MOTOR TRANSIT CO.  
P.O. BOX 263-116  
KANSAS CITY, MO. 64193

SHIPPING DATE  
9/07/84  
INVOICE DATE  
9/18/84

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UMETCO MINERAL  
ATTN: L.G. EVANS  
PO. BOX 97  
NIAGARA FALLS NY 14302

SHIPPER UMETCO MINERALS CO		ORIGIN NIAGARA FA NY		TARIFF 4007A.2000		TOTAL MILE 1854	
CONSIGNEE UMETCO MINERAL		DESTINATION URAVAN COL		SHIPPER NUMBER 615-4002			
LENGTH	WIDTH	HEIGHT	SEAL NO (S)	PLACARDS APPLIED	UNIT NUMBER	ICC CODE	
					3995 440814TS	2819	

ROUTING		INTERLINE POINT		C/L REFERENCE	
DESCRIPTION OF ARTICLES OR COMMODITY		WEIGHT	RATE	CHARGES	
RAM		41844			
EXTRA DRIVER		AS 41844	X 9.08	3799.4	
1854 MI X .15				278.1	

*Approved by En*  
*9/24/84*

ICC REGULATIONS REQUIRE PAYMENT  
OF ALL FREIGHT CHARGES WITHIN 7  
DAYS OF PRESENTATION

PLEASE REMIT THIS AMOUNT

4,077.

DUPLICATE FREIGHT BILL

UCCNHT0002838

0965



General Commodities Between All Points in U S

BDS/054

PRO NUMBER

657906

SHIPPING DATE

9/04/84

INVOICE DATE

9/17/84

REMIT TO:

TRI STATE MOTOR TRANSIT CO.  
P.O. BOX 263-116  
KANSAS CITY, MO. 64193

UMETCO MINERAL  
ATTN: L.G. EVANS  
PO BOX 97  
NIAGARA FALLS NY 14302

SHIPPER UMETCO MINERALS CO		ORIGIN NIAGARA FA NY		TARIFF 4007A 3000		TOTAL MILES 822
CONSIGNEE CHEM NUC		DESTINATION BARNWELL SC		SHIPPER NUMBER 6153005		
LENGTH	WIDTH	HEIGHT	SEAL NO (S)	PLACARDS APPLIED	UNIT NUMBER	ICC CODE
					3992 445102TS	28190

ROUTING

INTERLINE POINT

C/L REFERENCE

DESCRIPTION OF ARTICLES OR COMMODITY	WEIGHT	RATE	CHARGES
RAM	822 MI	39300 X 1.58	1298.76

ICC REGULATIONS REQUIRE PAYMENT  
OF ALL FREIGHT CHARGES WITHIN 7  
DAYS OF PRESENTATION

PLEASE REMIT THIS AMOUNT

1,298.76

UCCNHT0002839

D-U-N-S  
00-987-0965



General Commodities Between All Points in U S

BDS/054

PRO NUMBER
65796.7
SHIPPING DATE
9/05/84
INVOICE DATE
9/18/84

REMIT TO

TRI STATE MOTOR TRANSIT CO.  
P.O. BOX 263-116  
KANSAS CITY, MO. 64193

UMETCO MINERAL  
ATTN: L.G. EVANS  
PO BOX 97  
NIAGARA FALLS NY 14302

ORIGIN		TARIFF		TOTAL MILES	
NIAGARA FA NY		4007A 3000		822	
DESTINATION		SHIPPER NUMBER			
BARNWELL SC		615-3006			
LENGTH	WIDTH	HEIGHT	SEAL NO (S)	PLACARDS APPLIED	UNIT NUMBER
					8163 448122TS
					ICC CODE
					28190

INTERLINE POINT C/L REFERENCE

DESCRIPTION OF ARTICLES OR COMMODITY	WEIGHT	RATE	CHARGES
822 MI	41380	X 1.58	1298.76
<div>Approved 8/18/84 9/11/84</div>			

ICC REGULATIONS REQUIRE PAYMENT  
OF ALL FREIGHT CHARGES WITHIN 7  
DAYS OF PRESENTATION

PLEASE REMIT THIS AMOUNT

1,298.76

OUTLINE FREIGHT BILL

UCCNHT0002840

# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. 52063

## BILLING LOCATIONS:

CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, SC 29812  
(803) 259-1781

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Unetco Minerals Corp.

137 47th Street

Niagara Falls, NY 14302

ATTN

CUSTOMER # <b>80-100343</b>	DATE <b>9/14/84</b>	P.O. #/CONTRACT #	AS # <b>37855</b>	DIVISION <b>480</b>
FOB <b>BARNWELL</b>	PROJECT # <b>48000</b>	MARKETING DIST <b>N</b>	AN # <b>0984-211-A</b>	SHIP VIA

DESCRIPTION	AMOUNT
Services 9/6/84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, SC by Tri State on B/L #657966	
Shipment #615-3005	
520 cuft of radwaste X 14.50/cuft (8 containers @ 65 cuft/container)	7,540.00
S.C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft X 520 cuft	1,300.00
S.C. Imposed Low Level Radwaste Tax of 4.00/cuft X 520 cuft	2,080.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges(10,920.00)	262.08
	11,182.08

*Approved  
JG  
9/24/84*

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1½% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

MB

CHEM-NUCLEAR SYSTEMS, INC  
P.O. BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY

UCCNHT0002841



## CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. 52098

## BILLING LOCATIONS:

CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

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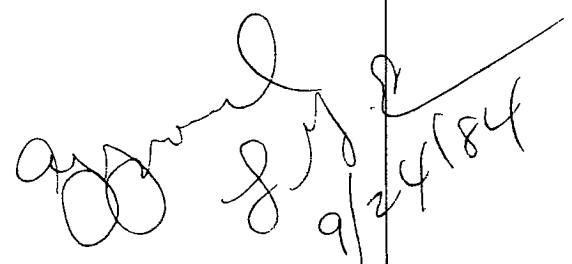
Umetco Mineral Corp.

137 - 47th Street

Niagara Falls, NY 14302

ATTN

CUSTOMER #	80-100343	DATE	9-19-84	P.O. #/CONTRACT #		AS #	37873	DIVISION	480
FOB	BARNWELL	PROJECT #	48000	MARKETING DIST	N	AN #	0984-212-A	SHIP VIA	

DESCRIPTION	AMOUNT
Services 9-7-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S.C. by Tri-State on B/L # 657967. Shipment # 615-3006	
520 cuft of radwaste x 14.50/cuft (8 containers @ 65 cuft/container)	7,540.00
	
S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 520 cuft.	1,300.00
S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 520 cuft.	2,080.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (10,920.00)	262.08
	11,182.08

TERMS NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC.  
P.O. BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY

**CHEM-NUCLEAR SYSTEMS, INC.**INVOICE NO. **52126****BILLING LOCATIONS**

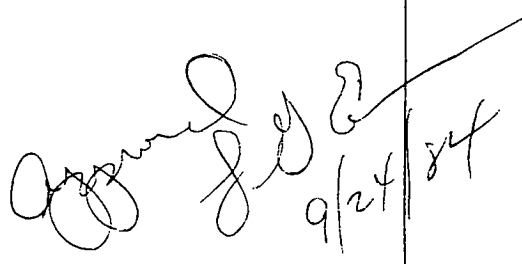
☐ CORPORATE OFFICE  
240 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P.O. BOX 726  
SNELLING, S.C. 29812  
(803) 259-1781

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**Umetco Mineral Corp.****P. O. Box 97****Niagara Falls, NY 14302**ATTN **Mr. L. C. Evans**

CUSTOMER # <b>80-100343</b>	DATE <b>9-21-84</b>	P.O. #/CONTRACT #	AS # <b>37901</b>	DIVISION <b>480</b>
FOB <b>BARNWELL</b>	PROJECT # <b>48000</b>	MARKETING DIST <b>N</b>	AN # <b>0984-213-A</b>	SHIP VIA

DESCRIPTION	AMOUNT
Services 9-13-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S.C. by Tri-State on B/L # 657968. Shipment # 615-3007	
520 cuft of radwaste x 14.50/cuft (8 containers @ 65 cuft/container)	7,540.00
	
S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 520 cuft.	1,300.00
S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 520 cuft.	2,080.00
Barnwell County Business License Tax @ 2.4% of Disposal Charges (10,920.00)	262.08
	11,182.08

TERMS NET 30 DAYS INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1½% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

**SF**

CHEM-NUCLEAR SYSTEMS, INC  
P O BOX 1478  
COLUMBIA, SC 29202

DUPLICATE COPY

# CHEM-NUCLEAR SYSTEMS, INC.

INVOICE NO. **52131**

## BILLING LOCATIONS.

CORPORATE OFFICE  
40 STONERIDGE DRIVE  
SUITE 100  
COLUMBIA, SC 29210  
(803) 256-0450

☒ BARNWELL OPERATIONS  
OSBORN ROAD  
HIWAY 64 / P O BOX 726  
SNELLING, S C 29812  
(803) 259-1781

#52131

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Umetco Minerals Corp.

P. O. Box 97

Niagara Falls, NY 14302

ATTN L. C. Evans

CUSTOMER #	80-100343	DATE	9-21-84	P O #/CONTRACT #	AS #	DIVISION
O B	BARNWELL	PROJECT #	48000	MARKETING DIST	N	AN #
					37915	480
					0984-214-A	SHIP VIA

Services 9-13-84 for the receipt and disposal of radioactive waste materials delivered to Barnwell, S.C. by Tri-State on B/L # 657969. Shipment # 615-3008

390 cuft of radwaste x 14.50/cuft  
(6 boxes @ 65 cuft/box)

AMOUNT

5,655.00

*Approved  
8/24/84*

S. C. Imposed Perpetuity Escrow Fund Charge of 2.50/cuft x 390 cuft.  
S. C. Imposed Low Level Radwaste Tax of 4.00/cuft x 390 cuft.  
Barnwell County Business License Tax @ 2.4% of Disposal Charges (8,190.00)

975.00

1,560.00

196.56

8,386.56

NET 30 DAYS, INVOICES NOT PAID WITHIN 30 DAYS ARE SUBJECT TO CHARGE OF 1 1/2% PER MONTH  
PLEASE MAKE ALL CHECKS PAYABLE TO

CHEM-NUCLEAR SYSTEMS, INC  
P O BOX 1478  
COLUMBIA, SC 29202

SF

DPY

UCCNHT0002844

ACCT NO	SERIES	EXPOSURE PERIOD	BADGE DATE
30897		1 MONTH 2	62594

**R. S. Landauer, Jr. & Co.**

Division of Tech/Ops, Inc

Glenwood Science Park  
Glenwood, Illinois 60425  
Telephone (312) 755-7000

UNION CARBIDE CORP-LINDE  
METALS DIVISION  
ATTN JOHN A PAGANO  
137-47TH ST  
NIAGARA FALLS NY 14302

615-320984

615-320034

USE THIS SIDE FOR DELETIONS  
PLACE "D" IN DELETE COLUMN

USE REVERSE SIDE FOR ADDITIONS  
AND OTHER CHANGES

# SERVICE CHANGE ORDER

FOR ADDRESS CHANGES ONLY

PLEASE TYPE OR PRINT

SHIPPING ADDRESS (MAXIMUM 5 LINES OF 23 CHARACTERS)

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FIRST CLASS MAIL ATTENTION ORDER DEPARTMENT A BADGE  
NUMBER IS ASSIGNED PERMANENTLY AND CANNOT BE ASSIGNED TO  
A NEW PERSON NAME CHANGES MAY BE MADE ONLY TO CORRECT  
SPELLING OR DUE TO MARRIAGE DOSIMETERS MAY BE RETURNED IN  
ORIGINAL SHIPPING CONTAINER BUT OLD LABELS AND POSTMARKS  
MUST BE COVERED AND PROPER POSTAGE AFFIXED

**IMPORTANT** WHEN REQUESTING ANY CHANGES ADDITIONS OR DELETIONS PLEASE MAKE THEM ON THIS FORM

CHANGES TO BE EFFECTIVE FOR YOUR NEXT WEAR DATE

MUST REACH THE GLENWOOD OFFICE NO LATER THAN

PLEASE DO NOT DUPLICATE CHANGES REQUESTED DURING PRECEDING 20 DAYS

DO NOT RETURN CHANGE REQUESTS WITH YOUR DOSIMETER

ONE HOLDER IS LOANED AT NO CHARGE FOR EACH FILM IN SERVICE AND MUST BE RETURNED AT TERMINATION OF CONTRACT EXTRA HOLDERS MAY BE PURCHASED ON REQUEST WITH THIS SHIPMENT. OUR RECORDS INDICATE THE FOLLOWING LOANED FILM HOLDERS IN YOUR POSSESSION:

RS SINCE THIS DELAYS HANDLING SEND ALL CHANGES UNDER SEPARATE COVER BY

G (REGULAR)	H (THERMAL)	B (NEUTRA 144)	OTHER
-------------	-------------	----------------	-------

G (REGULAR)		H (THERMAL)	B (NEUTRAK 144)	OTHER
10				

## PACKING LIST

**DR. S. LANDAUER, JR. & CO. DIVISION OF TECH/OPS INC.**  
GLENWOOD SCIENCE PARK • GLENWOOD ILLINOIS 60425

## PACKING LIST

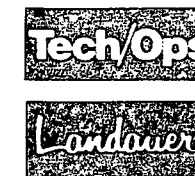
10

ACCT NO	SERIES	EXPOSURE PERIOD	BADGE DATE
30897		1 MONTH 7	62584

Glenwood Science Park  
Glenwood, Illinois 60425  
Telephone (312) 755-7000

UNION CARBIDE CORP-LINDE  
METALS DIVISION  
ATTN JOHN A PAGANE  
137-47TH ST  
NIAGARA FALLS NY 14302

Lee  
Evered



615-320034

USE REVERSE SIDE FOR ADDITIONS  
AND OTHER CHANGES

# SERVICE CHANGE ORDER

**FOR ADDRESS CHANGES ONLY**

PLEASE TYPE OR PRINT

SHIPPING ADDRESS (MAXIMUM 5 LINES OF 23 CHARACTERS)

1			
2			
3			
4	CITY	STATE	ZIP CODE
5	BILLING ADDRESS (MAXIMUM 5 LINES OF 23 CHARACTERS)		
1			
2			
3			
4	CITY	STATE	ZIP CODE
5	REPORTING ADDRESS (MAXIMUM 5 LINES OF 23 CHARACTERS)		
1			
2			
3			
4	CITY	STATE	ZIP CODE
5			

FIRST CLASS MAIL ATTENTION ORDER DEPARTMENT A BADGE  
NUMBER IS ASSIGNED PERMANENTLY AND CANNOT BE ASSIGNED TO  
A NEW PERSON NAME CHANGES MAY BE MADE ONLY TO CORRECT  
SPELLING OR DUE TO MARRIAGE DOSIMETERS MAY BE RETURNED IN  
ORIGINAL SHIPPING CONTAINER BUT OLD LABELS AND POSTMARKS  
MUST BE COVERED AND PROPER POSTAGE AFFIXED

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CHANGES TO BE EFFECTIVE FOR YOUR NEXT WEAR DATE  
MUST REACH THE GLENWOOD OFFICE NO LATER THAN  
PLEASE DO NOT DUPLICATE CHANGES REQUESTED DURING PRECEDING 20 DAYS

**DO NOT RETURN CHANGE REQUESTS WITH YOUR DOSIMETERS** SINCE THIS DELAYS HANDLING. SEND ALL CHANGES UNDER SEPARATE COVER BY

ONE HOLDER IS LOANED AT NO CHARGE FOR EACH FILM IN SERVICE AND MUST BE RETURNED AT TERMINATION OF CONTRACT. EXTRA HOLDERS MAY BE PURCHASED ON REQUEST WITH THIS SHIPMENT. OUR RECORDS INDICATE THE FOLLOWING LOANED FILM HOLDERS IN YOUR POSSESSION:

G (REGULAR)	H (THERMAL)	B (NEUTRAK 144)	OTHER
-------------	-------------	-----------------	-------

## PACKING LIST

**R R 8 LANDAUER, JR & CO** DIVISION OF TECH/OPS INC  
GLENWOOD SCIENCE PARK • GLENWOOD ILLINOIS 60425

# PACKING LIST

UCCNHT00002846

UNION CARBIDE CRP-LINDE  
METALS DIVISION  
ATTN JOHN A PAGANG  
137-47TH ST  
NIAGARA FALLS NY 14302

ACCOUNT NO	SERIES CODE
30897	

EXPOSURE NO	PROCESS NO	PREPARATION DATE	DOSIMETER RECEIVED	REPORTING TIME	SP	COPIES	NOTIFICATION LEVEL	PAGE NO
1 MONTH 2	N5133	81584	80684	7 WORK DAYS	2	1	400	1

Landauer

R S Landauer, Jr & Co  
Glenwood Science Park  
Glenwood, Illinois 60425  
Telephone (312)755-7000

QUALITY CONTROL RELEASE
JDW

a Tech/Ops company

RADIATION DOSIMETRY REPORT

PR 2916 - 28431

PARTICIPANT ID NUMBER	NAME	SOCIAL SECURITY NUMBER	NOTE (SEE REVERSE SIDE)	DOSIMETER TYPE	USE	RADIATION QUALITY	EXPOSURE TO BADGE (MILLIREMS) FOR PERIOD(S) INDICATED BELOW		CUMULATIVE TOTALS (MILLIREMS)						ADJUSTMENTS	UNUSED PART OF PERMISSIBLE ACCUMULATED DOSE (MILLIREMS)	SEX	BIRTH DATE			NUMBER BADGE REPORTS		INCEPT DATE PERM NENT TOTAL	
							DEEP	SHALLOW	CALENDAR QUARTER		YEAR TO DATE		PERMANENT					MO	DA	YR	TO DATE	QTR	MO	YR
									DEEP	SHALLOW	DEEP	SHALLOW	DEEP	SHALLOW										
	FOR EXPOSURE PERIOD 06/25/84					TO 07/24/84		SECCND		1984														
00000	CONTROL			G1			M	M	M	M	M	M	10	10								63	3	37
00005				G1			M	M	M	M	M	M	M	M								1	1	68
00006				G1			M	M	M	M	M	M	M	M								1	1	68
00007				G1			M	M	M	M	M	M	M	M								1	1	68
00008				G1			M	M	M	M	M	M	M	M								1	1	68
00009				G1			M	M	M	M	M	M	M	M								1	1	68
00010				G1			M	M	M	M	M	M	M	M								1	1	68
00011				G1			M	M	M	M	M	M	M	M								1	1	68
00012				G1			M	M	M	M	M	M	M	M								1	1	68
00013				G1			M	M	M	M	M	M	M	M								1	1	68
00014				G1			M	M	M	M	M	M	M	M								1	1	68
00015				G1			M	M	M	M	M	M	M	M								1	1	68
00016				G1			M	M	M	M	M	M	M	M								1	1	68

USE CODE (COLUMN 8)  
1-WHOLE BODY 3-NIGHT FINGER 5-RIGHT WRIST 7-OTHER EXTREMITY  
2-LENS OF EYE 4-LEFT FINGER 6-LEFT WRIST 8-OTHER WHOLE BODY  
9-MONITOR

AN "H" (HIGH ENERGY) DESIGNATION WHEN ONLY LOW ENERGY EXPOSURE IS POSSIBLE MAY INDICATE THAT THE FILM PACKET WAS EXPOSED OUT OF THE FILTERED HOLDER.

IMPORTANT SEE REVERSE SIDE FOR ADDITIONAL EXPLANATIONS

UCCNHT0002847

SOIL DECONTAMINATION - SOUTH OF BLDG 166 - NIAGARA  
SOIL SAMPLES TO BE ANALYZED.

①

FILE 11309

1.) SAMPLES 7-19-84

MATERIAL FROM WAST AREA BEFORE EXCAVATION (SURFACE).

<u>SAMPLE</u>	<u>LOCATION</u>
S-1	SOUTH END.
S-2	CENTER
S-3	CENTER.
S-4	NORTH END CENTER.
S-5	NORTH END - EDGE CONC. PAD.

2.) SAMPLES - AFTER EXCAVATION - BEFORE BACKFILLING

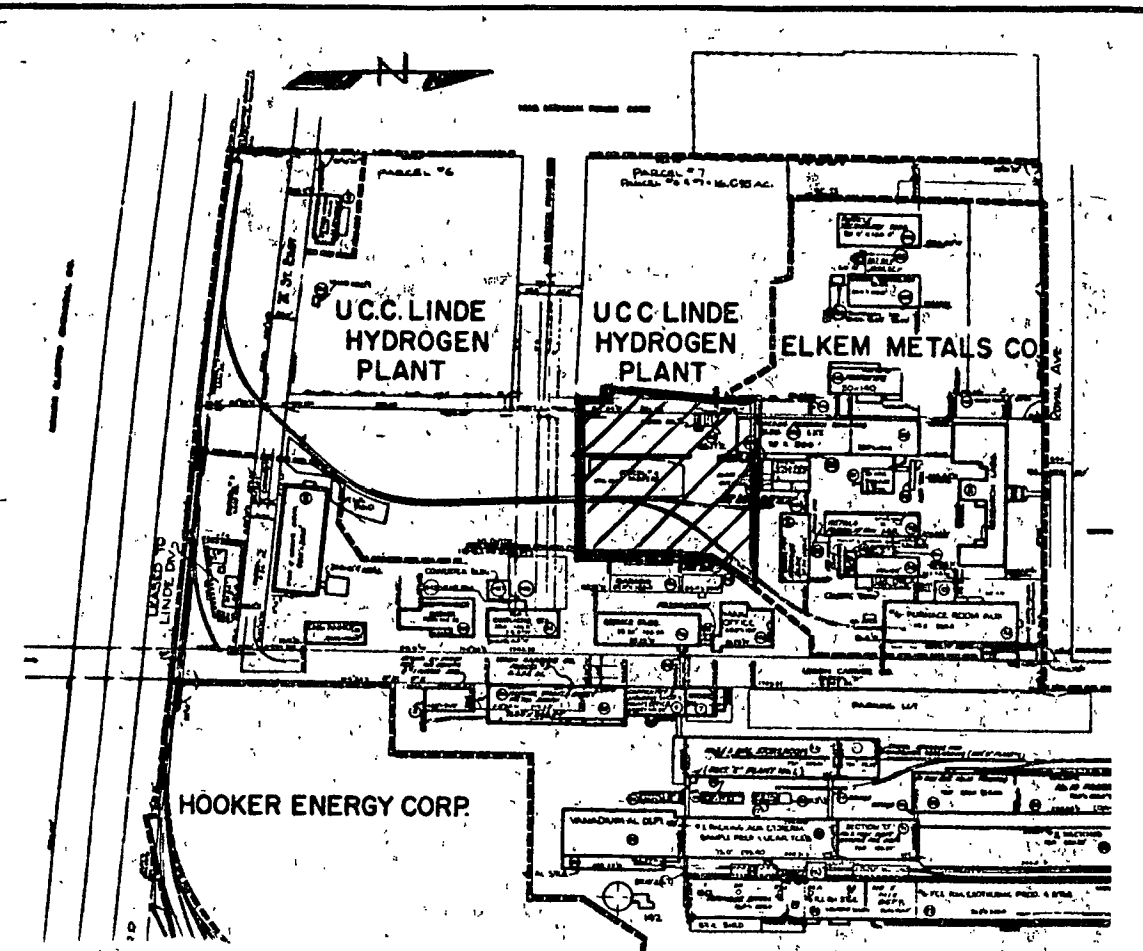
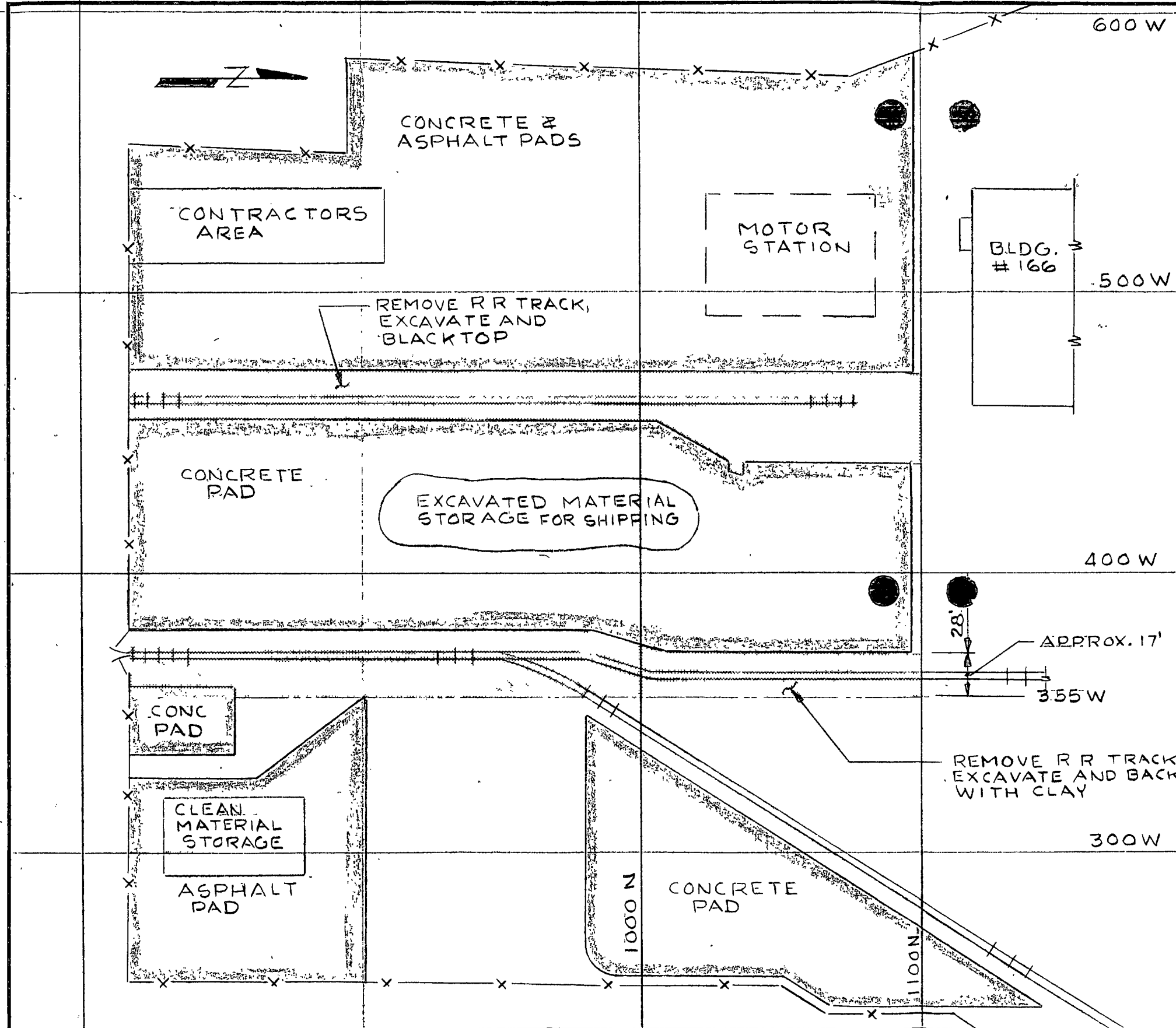
<u>SAMPLE</u>	<u>LOCATION</u>
WA-1-5	WAST AREA SURFACE - HOLE #1
WA-1-6	WAST AREA @ 6" - " #1
WA-1-12	WAST AREA @ 12" - " #1
WA-2-5	" " @ SURFACE - " #2
WA-2-6	" " @ 6" - " #2
WA-2-12	" " @ 12" - " #2
WA-3-5	" " @ SURFACE - HOLE #3
WA-3-6	" " @ 6" - " #3
WA-3-12	" " @ 12" - " #3.
WA-4-5	" " @ SURFACE - HOLE #4
WA-4-6	" " @ 6" - " #4
WA-4-12	" " @ 12" - " #4
EA-1-5	EAST AREA @ SURFACE - HOLE 1
EA-1-6	" " @ 6" - " #1
EA-1-12	" " @ 12" - " #1
EA-2-5	" " @ SURFACE - " #2
EA-2-6	" " @ 6" - " #2
EA-2-12	" " @ 12" - " #2
EA-3-5	" " @ SURFACE - " #3
EA-3-6	" " @ 6" - " #3
EA-3-12	" " @ 12" - " #3
EA-4-5	" " @ SURFACE - " #4
EA-4-6	" " @ 6" - " #4
EA-4-12	" " @ 12" - " #4.
WL-1	EXCAVATED AREA OVER WATER LINES - WAST AREA.

### 3) SAMPLES AFTER BACKFILLING WITH CLAY - 10-16-89.

<u>SAMPLE</u>	<u>LOCATION</u>
101 - A (SURFACE) ↓ B (@ 6") C (@ 12") D (@ 18") E (@ 24")	WEST AREA - SOUTH ↓ WEST AREA - CENTER ↓ WEST AREA - NORTH. ↓ EAST AREA - SOUTH ↓ EAST AREA - CENTER ↓ EAST AREA - NORTH CENTER. ↓ EAST AREA - NORTH
102 - A ↓ B C D E	
103 - A ↓ B C D E	
104 - A ↓ B C D E	
105 - A ↓ B C D E	
106 - A ↓ B C D E	
107 - A ↓ B C D E	



UCCNHT0002850



KEY PLAN

REV	DATE	BY	DESCRIPTION

TITLE										UNION CARBIDE CORPORATION METALS DIVISION	
SITE PLAN - ORE REMOVAL										FILE NUMBER 930/256	
PROJECT - SOIL DECONTAMINATION - SOUTH OF BLDG. 166										DRAWING SCALE 1" = 40'-0"	
PLANT		BLDG NO		DWN BY		CHKD BY		STAFF ENG		ACC ENG	
NIAGARA				DGF						LSE	
								EX		DATE	
										5-21-84	
										DRAWING NUMBER	
										SF-7969	

To: S.C. ZAMBOTTI - Purchasing Dept.  
From: G.E. WALCK - Engineering Dept.  
Please Obtain Bids on Items Covered by  
Subject Specification from Listed Bidders

Subject: Spec. Nos. 615-11309-1  
REMOVAL OF ORR FROM LIME NIAGARA SITE

Plant Location NIAGARA File 11309

9. RECOMMENDED BIDDERS: Page 1 of \_\_\_\_\_

A. DUBE CONSTRUCTION Co.  
2267 LOCKPORT ROAD  
SARASOTA, N.Y.

B. \_\_\_\_\_

C. \_\_\_\_\_

D. \_\_\_\_\_

E. \_\_\_\_\_

10. REMARKS: \_\_\_\_\_

G.E. Walck 5-22-84.  
(SIGNATURE) (DATE)

1. ATTACHMENTS FOR QUOTATION:

6 COPIES, SPECIFICATION

\_\_\_\_\_ COPIES, PROPOSAL FORM

6 COPIES, DRAWINGS

2. BIDS TO BE RECEIVED BY: JUNE 22, 1984

3. ~~EQUIPMENT~~ CONSTRUCTION ~~NEEDED~~ BY: NO EARLIER THAN  
JULY 9, 1984.

4. APPROVAL/FINAL PRINTS BY \_\_\_\_\_ NO LATER THAN \_\_\_\_\_

5. TECHNICAL CONTACT:  
NAME L.G. EVANS PHONE 716-278-3462

6. PLEASE SEND COPIES OF THE R.F.Q. PACKAGE,  
WITH A COPY OF THIS TRANSMITTAL TO:

☒ L.G. EVANS. ☐ \_\_\_\_\_

☒ G.E. WALCK ☐ \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

7. PLEASE HAVE BIDDERS SEND COPIES OF THEIR  
PROPOSALS TO:

A. L.G. EVANS ENGR. DEPT.

B. \_\_\_\_\_

8. ESTIMATED COST: \$ 30,000

To: \_\_\_\_\_ - PURCHASING DEPT.  
From: \_\_\_\_\_ - ENGINEERING DEPT.

cc: ☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

Please complete, validate and place attached  
P.O. No. \_\_\_\_\_

1. ATTACHMENTS FOR PURCHASE

\_\_\_\_\_ COPIES, SPECIFICATION

\_\_\_\_\_ COPIES, BID ANALYSIS

\_\_\_\_\_ COPIES, DRAWINGS

2. RECOMMENDED SUPPLIER:

3. In addition to normal distribution, Purchasing  
to send validated copy of P.O. and Spec. to:

☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

4. Remarks: \_\_\_\_\_

\_\_\_\_\_ (SIGNATURE) (DATE)

UCCNHT0002851

Niagara Falls, New York  
SPECIFICATION NO. 615-11309-1  
May 16, 1984

SPECIFICATION FOR THE REMOVAL

OF

ORE FROM UMC

Niagara Site

For

Umetco MINERALS CORPORATION  
NIAGARA FALLS, NY

Prepared by

Umetco Minerals Corporation  
Technology Department - Engineering  
Niagara Falls, New York

Prepared by J. E. Hall

Approved by L. J. Evans

DATE OF ISSUE  
5/22/84

PURPOSE  
Preliminary

REVISION NO.  
0

ISSUE AUTHORIZED BY  
L. J. Evans

UCCNHT0002852

## INDEX

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## SECTION 1 - SPECIAL CONDITIONS

### 1.0 USE OF OWNER'S PROPERTY

- 1.1 The plant and all facilities in the immediate area (see Dwg. SF-7969) are leased by Elkem Metals Company. Umetco Minerals Corp. will be considered the "Owner" until completion of this Project.
- 1.2 All Contractor's personnel shall enter and leave the plant through the gate designated by the Engineer. Parking facilities will be available in the area designated by the Engineer.
- 1.3 Space on the Owner's property will be allotted to the Contractor for a storage of equipment and material and erection of any temporary structures adjacent to the work site.

### 2.0 CONSTRUCTION SCHEDULE

The Contractor shall consult with the Owner's Engineer before proceeding with the work and effect a schedule which will cause a minimum of interference between the performance of the work and Elkem's operations. The Contractor shall have a full-time superintendent on the job site at all times when work is being performed. Work will be permitted after the normal working hours and on Saturdays and/or Sundays and/or holidays provided that the Owner's Engineer is notified in advance and grants his approval.

### 3.0 MATERIAL AND EQUIPMENT HANDLING AND STORAGE

Any materials and/or equipment belonging to the Owner and not part of this specification which are presently stored in the work area will be removed by Owner prior to start of work by Contractor.

The Owner's Engineer will determine, and indicate to the Contractor, the route that the Contractor shall follow in transporting any equipment and materials to and from the site or storage.

### 4.0 TEMPORARY STRUCTURES

The Contractor shall provide all temporary structures required by him in connection with this work. All such structures shall be removed by the Contractor upon completion of his work.

### 5.0 UTILITIES

The Owner may not provide any utilities for this project. The Contractor may need to provide or make arrangements as required for the following:

- 5.1 Water: A tank truck or other water storage.
- 5.2 Compressed Air: The Contractor shall furnish all compressed air required in the execution of the work.
- 5.3 Fuel (Gasoline/Diesel): The Contractor shall provide storage and pumping equipment as required and fuel.
- 5.4 Steam: A steam generator may be required for decontamination of equipment.
- 5.5 No utility lines which may serve adjacent areas are to be cut or removed. In the event such lines interfere with the removal work, the Contractor and Owner's Engineer shall work out a plan to reinstall the utility via a route that will permit satisfactory service to the affected areas. Cost of such rerouting shall be considered an extra to the contract.

## 6.0 FIRE PROTECTION

An adequate amount of extinguishers or fire protection equipment shall be kept on hand at all times during construction - subject to Owner's approval.

## 7.0 SAFETY RULES

7.1 The Contractor and all his employees shall abide by all special safety rules in force in the Owner's plant and comply in general with all provisions of the American Standard Safety Code for Building Construction as sponsored by the American Institute of Architects, the National Safety Council, the Mine Safety and Health Administration Regulations, and the Associated General Contractors of America, Inc. The Contractor must comply with all applicable rules and regulations of the latest edition of the Federal Occupational Safety and Health Act.

7.2 Fiber hard hats, safety glasses and safety shoes shall be worn at all times inside the plant fence. The Contractor shall furnish all hard hats and safety glasses and any other special equipment which may be needed.

7.3 The Contractor shall install and maintain from the beginning to the completion of all Contractor's work all necessary protective barriers, lights and warning signs and shall take all necessary precautions required to avoid injury or damage to any and all persons and property.

## 8.0 DRAWINGS AND SPECIFICATIONS

8.1 The Contractor shall keep one up-to-date copy of all drawings and specifications on the job site, in good order, available to the Owner, the Engineer and their representatives.

- 8.2 The Contractor shall consult with the Owner's Engineer before proceeding with any work, if he finds an error or inconsistency between the drawings, specifications or vendor information. The Owner's Engineer will interpret the problem and his decision shall be final and binding upon the Contractor and the Owner.

#### 9.0 DAMAGED WORK OR EQUIPMENT

Any and all work or equipment damaged or soiled in the execution of the Work shall be thoroughly cleaned, repaired or replaced in a manner satisfactory to the Owner's Engineer.

#### 10.0 SANITARY FACILITIES

The Contractor shall furnish all sanitary facilities required for his employees and maintain same in a clean and orderly condition. Contractor's employees shall not make use of the Owner's employees' facilities.

#### 11.0 CLEAN-UP

The Contractor shall maintain at all times the site of his operations in a clean manner, including all obstructions, tools, equipment, refuse and material of any kind deposited on the Owner's property by the Contractor or incidental to his work.

#### 12.0 ELKEM FACILITIES

The area surrounding the work site is off limits. Workers shall be instructed not to leave the authorized areas. When work is required in an unauthorized area, the Contractor shall consult with the Owner's Engineer for plant safety procedures and permission from Elkem.

#### 13.0 FIRE FIGHTING AND PERSONNEL SAFETY

Prior to commencing work, the Contractor and all of his employees shall be required to attend a briefing by the Umetco Engineer. This briefing will cover proper action in the event of fire and proper use of respirators as well as other safety rules and regulations. Employees hired subsequent to this meeting will also be required to attend similar instructions.

#### 14.0 RADIOACTIVE MATERIALS

Prior to commencing work, the Contractor and all of his employees shall be required to attend a briefing given by the Umetco Safety Officer. This briefing will cover proper use of film badges and proper use of respirators as well as other safety rules and regulations. Employees hired subsequent to this meeting will also be required to attend similar instructions.

SECTION 2 - SCOPE OF WORK1.0 GENERAL

- 1.1 This specification covers the labor, material, tools and equipment to excavate approximately 170 cubic yards of contaminated soil and materials from a plot of ground owned by Umetco Minerals corporation and Leased by Elkem, located in Niagara Falls, NY and backfill with clay and/or blacktop as shown on the Drawings. The soil and/or materials are to be loaded into containers for shipment to another location.

2.0 ITEMS OF WORK BY CONTRACTOR

- 2.1 Major items of Work and Sequence of the operation are listed below. Items not listed but shown or called out on the drawing and/or specification shall be provided by the contractor.

2.2 Sequence of Work

1. Remove approximately 550 feet of railroad track including rail's, ties, switches etc.
2. Clean rails and ties as they are removed (check by radiologist) and store both contaminated and uncontaminated on concrete pads, as directed.
3. Excavate approximately 170 cu yds of soil from designated areas to an approximate depth of 8" and store on adjacent concrete pad. Excavated material to be covered with plastic until ready for loading into containers.
4. Use fork lift truck to bring container to loading station & remove cover.
5. Fill container with material by means of a front end loader at loading station and cover box.
6. Transport loaded box to storage area.
7. Prepare box for shipping:
  - a. Caulk cover
  - b. Nail cover in place
  - c. Band box with steel strapping
  - d. Stencil with "Radioactive-LSA"
  - e. Weigh and mark box and record weights
8. Transport completed boxes to Niagara Plant for storage until shipping schedule begins.



9. Radiological survey of excavated areas.
10. Backfill with clay - approximately 4000 sq. ft.
11. Blacktop area - approximately 6300 sq. ft.
12. Radiological survey after backfilling.

### 3.0 MATERIAL & EQUIPMENT BY OWNER

- 3.1 Container loading hopper
- 3.2 Shipping containers
- 3.3 Scales
- 3.4 Caulking, strapping & stenciling materials.

### 4.0 MATERIAL AND EQUIPMENT BY CONTRACTOR

The contractor shall provide all tools and equipment necessary for completion of the work. This must include fuel and water and storage facilities for both, as well as sanitary and decontamination facilities for his employees.

### 5.0 WORK AND MATERIALS NOT INCLUDED

- 5.1 Radiation testing and survey instruments.
- 5.2 Preparation of shipping papers.
- 5.3 Site radiological survey before, during and after completion of project.
- 5.4 Loading trucks for shipment.

SECTION 3 - REMOVAL OF CONTAMINATED SOIL AND MATERIAL1.0 SITE DESCRIPTION

Drawing No. SF-7969 defines the location of the UMC land parcel containing the contaminated soil and material.

2.0 MATERIAL DESCRIPTION2.1 Contaminated Soil

This material is soil fill which has been contaminated with a tin slag spillage from railroad cars and contains oxides of uranium and thorium.

2.2 Contaminated Material

This generally includes debris and scrap from the plant which was dumped in the area. It also includes the rails and ties of the railroad track that is required to be removed. The volume of this material will be determined by the radiological survey performed by others.

3.0 DESCRIPTION OF REMOVAL PROCEDURE3.1 Contamination

3.1.1 The Contractor shall make every effort to minimize contamination of areas outside the work area.

3.2 Classification

3.2.1 General - The material is classified into three categories: contaminated soil, contaminated materials and clean material. The separation will be defined by radiological survey which will be determined by Umetco's radiologist.

3.2.2 Contaminated soil - All of the contaminated soil shall be removed and packaged for shipping.

3.2.3 Contaminated Materials

This includes primarily railroad ties, rails, wood, stones, pieces of metal etc. Although the amount of this material is believed to constitute a small percentage of the total job (1-2%), it too will have to be handled, classified and decontaminated or packaged for shipment.

### 3.2.4 Clean Materials

Materials that have been identified by the radiologist as clean or have been decontaminated and checked to be clean are to be moved to a designated storage area for disposition determined by Elkem.

### 3.4 Removal of Materials

- 3.4.1 Remove approximately 550 ft. of railroad track from two areas of the property. This includes steel rails, tires, switches etc. The rails may be cut into suitable lengths for handling purposes.

All this material must be cleaned in place as it is removed and checked by the radiologist.

The radiologist will determine material to be packaged for shipment and material to put in a designated storage area for future disposition.

- 3.4.2 Excavate ore as determined by the radiologist - approximately to a depth of 8". This material is to be stored on the concrete pad between the two areas to be excavated. The excavated material is to be covered to protect from inclement weather.

## SECTION 4 - CONTAINER FILLING OPERATION

### 1.0 MATERIAL HANDLING SYSTEM

The Equipment consists of a loading hopper Drawing SF-7968 to facilitate filling containers with a front end loader.

### 2.0 SHIPPING CONTAINERS

The container is made of framed plywood construction approximately 4'-0" wide 2'-0" high x 6'-8" long. Complete with a 3/4" thick plywood cover. All joints exposed to the exterior are caulked. The container must be kept dry at all times and therefore needs to be securely covered in outside storage.

A 6 mil polyethylene liner is fitted inside the container prior to filling.

### 3.0 LOADING PROCEDURE

3.1 Set loading hopper in a suitable position in relation to the material to be loaded. Place shipping container, with cover removed, under loading hopper on wood timbers.

3.2 Load material from storage pile into container with a front end loader.

3.3 Remove filled container to designated storage area and preparation for shipping.

### 4.0 PREPARATION FOR SHIPMENT

4.1 Caulk all around top of container, position and nail cover in place.

4.2 Stencil container on front and back with the words "Radioactive - LSA".

4.3 Caulk exterior joints.

4.4 Band container with steel strapping, three straps vertically and two straps horizontally.

4.5 Transport completed containers to the Niagara Plant for storage prior to shipping.

### 5.0 SHIPPING

5.1 All work for shipping containers will be performed by the Niagara Plant.

## SECTION 5 - HEALTH AND SAFETY

### 1.0 GENERAL

The Owner shall have a radiation health safety officer on the site during the soil removal and packaging period.

### 2.0 RADIATION

The potential radiation hazard of the Ta-Cb ore residue is minimal because the radioactivity is very low (approximately 0.2 mrem/hr as measured at the surface. Title 29 - Labor, Chapter XVII - Occupational Safety and Health Administration, Section 1910.96 - Ionizing Radiation, paragraph (b) 1, Table G-18, gives permissible employee dose of 1250 mrem per calendar quarter.

We can expect that the maximum dose to any employee during the 1984 loading period to be 30 mrem. This assumes continuous contact 10 hours per day, 6 days per week, for 2 weeks. The loading and packaging operation will not constitute continuous contact, but rather exposure at some distance, i.e., 3-4 feet, which reduces radiation to less than 0.1 mrem per hour. Therefore, we can expect the average exposure level to be 180 mrem per calendar quarter.

### 3.0 SAFETY MATERIALS AND EQUIPMENT

Film Badges - Film badges will be issued to each employee and a record will be maintained of exposure levels.

Rubber Boots and Gloves - Will be used where it is necessary to walk on or handle contaminated materials. To be provided by Contractor. These will not leave the site unless decontaminated and approved by the Owner's Engineer. The Contractor shall provide a safe/secure storage area for equipment left at the site.

Respirators - Will be provided (by Contractor) where there is exposure to dust. Since the material (residue) is damp, dusting is not expected to become a problem.

Hard Hats, Safety Glasses, Safety Shoes - See Section 1, paragraph 7.2.

Protective Barriers, Lights and Warning Signs - See Section 1, paragraph 7.3.

### 4.0 DECONTAMINATION

The Contractor shall provide facilities and equipment for personnel decontamination. Brushes for removal of loose dust and dirt from clothing should be adequate. Washing facilities for hands and face will be required. Full showers are not necessary.

SECTION 6 - DRAWING LIST1.0 CONSTRUCTION

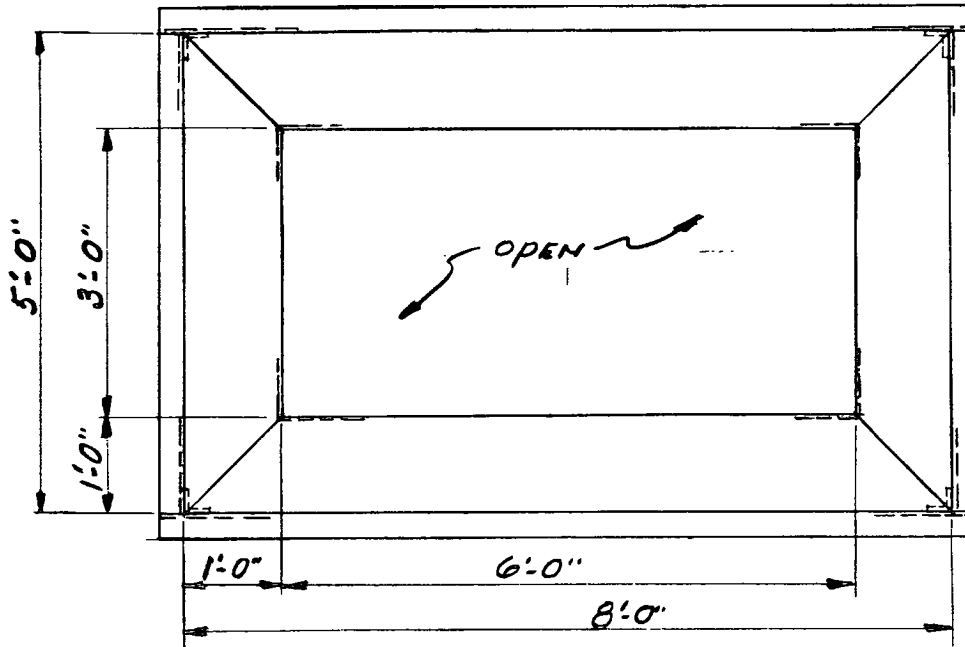
<u>No.</u>	<u>Rev.</u>	<u>Title</u>
SF-7968	-	Container loading hopper
SF-7969	-	Site Plan - Ore Removal

UNION CARBIDE CORPORATION METALS DIVISION

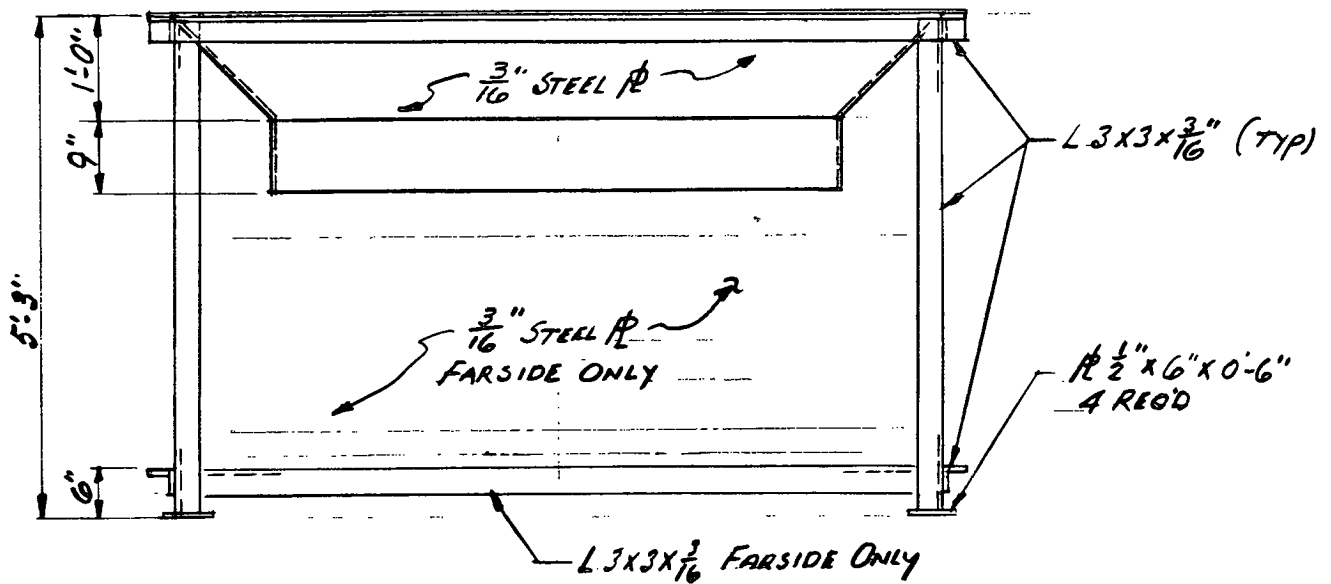
DRAWING NUMBER <b>SF-7968</b>		
930 256	FILE NO <b>11309</b>	
ACC ENG <b>ASE</b>	DATE <b>5-22-84</b>	DRAWING SCALE <b>1/2" = 1'-0"</b>

TITLE CONTAINER LOADING HOPPER

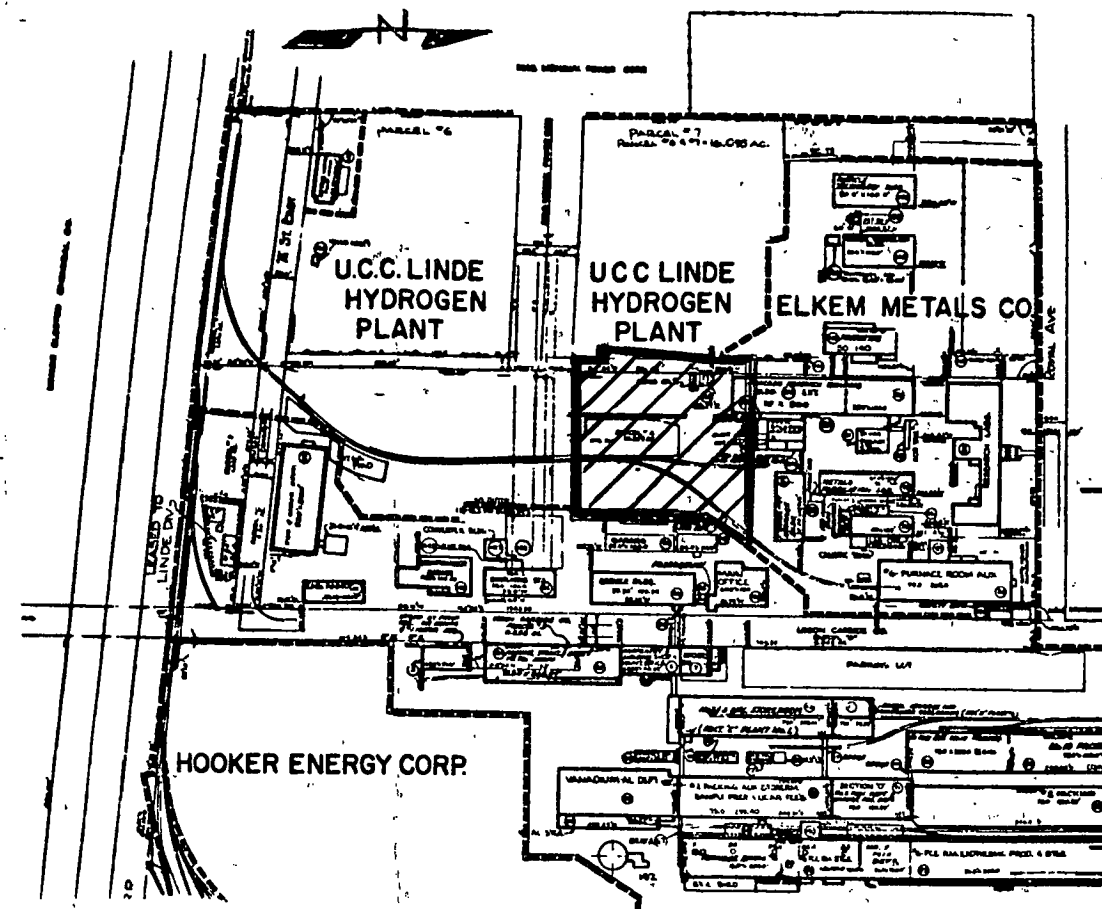
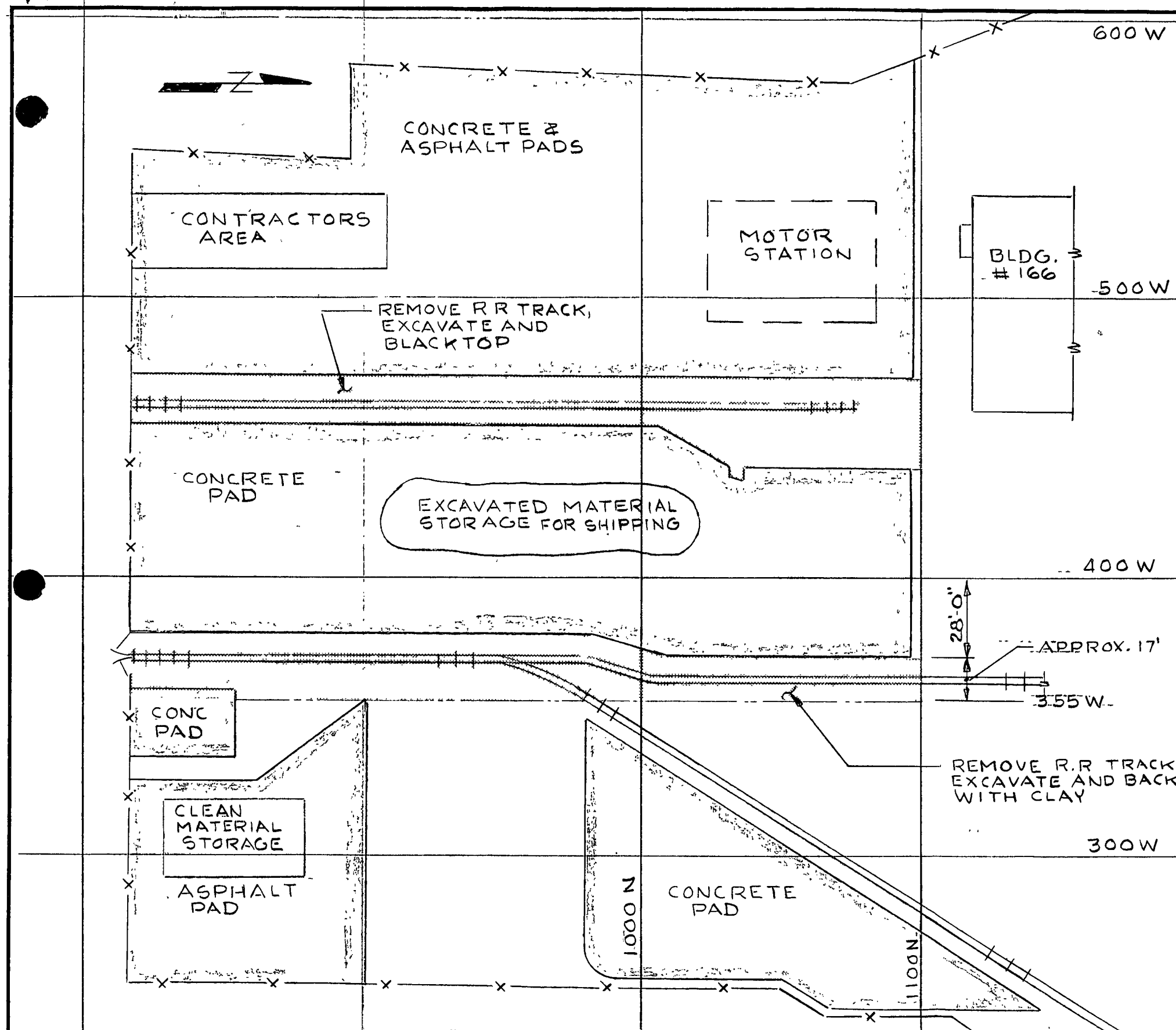
PLANT <b>NIAGARA</b>	DEPARTMENT <b>YARD</b>	BLDG NO <b>-</b>	DRAWN BY <b>GEW</b>	CHECKED BY	APPROVED	EX
REV			REV			
REV			REV			



PLAN



ELEVATION



KEY PLAN

THIS PRINT  
ISSUED

MAY 22 1984

TECHNOLOGY DEPARTMENT

				TITLE				UNION CARBIDE CORPORATION			
				SITE PLAN - ORE REMOVAL				METALS DIVISION			
				PROJECT - SOIL DECONTAMINATION - SOUTH OF BLDG. 166				FILE NUMBER 930/256		DRAWING SCALE	
								11309		1" = 40'-0"	
REV		DATE		BY		DESCRIPTION		PLANT		DRAWING NUMBER	
								NIAGARA		SF-7969	
								BLDG NO		DATE	
								DGF		5-21-84	
								OWN BY		DRAWING NUMBER	
								CHKD BY		SF-7969	
								STAFF ENG		DATE	
								ACC ENG		5-21-84	
								EX		DRAWING NUMBER	
										SF-7969	





# CONTRACT SYNOPSIS

NAME AND ADDRESS (INCLUDING ORDERING ADDRESS IF DIFFERENT) CHEM-NUCLEAR SYSTEMS, INC. 240 Stoneridge Drive Columbia, SC 29210 (803) 256-0450		CONTRACT NO. 100-27573 SUPERSEDED CONTRACT NO.
CONTRACT 4/1/82	DURATION 4/1/82 TO 3/31/84 <i>extended</i>	TOTAL ESTIMATED VALUE \$300,000
COMMODITY (INCLUDING SPECIFICATION REFERENCE IF NECESSARY) Radioactive Waste Disposal Services (Using the Barnwell, South Carolina burial site which is managed for the State of SC by CNSI). COMMODITY CODE C		

P.C.A. Per Release Instructions	TERMS OF PAYMENT Net 30 days.	TRANSPORTATION TERMS
------------------------------------	----------------------------------	----------------------

YOUR UCC COMMITMENT (INCLUDING ANY NECESSARY EXPLANATION OF OUR OBLIGATION, AND ANY OTHER CONTRACTS OR PRICE AGREEMENTS COVERING SAME COMMODITY OR ITEM)

☐ F.O.B. ☐ FIXED MINIMUM (DEFINED BELOW) ☐ PARTIAL REQUIREMENTS (DEFINED BELOW) ☒ PRICE AGREEMENT

This National Agreement sets forth the terms under which CNSI will perform radioactive waste disposal services. This Agreement does not constitute an endorsement by P&MS or HS&EA of CNSI's qualifications. Each division must pre-qualify CNSI, the Barnwell, SC disposal site and procedures for its specific requirements. UPON EXECUTION OF A SIMILAR AGREEMENT WITH U.S. ECOLOGY, INC. COMPETITIVE BIDS MUST BE OBTAINED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE PURCHASING MANUAL.

## I. Pre-Release Requirements

The following must be completed prior to the issuance of a "Release" against this Agreement:

- A. Determine whether the Material will comply with all applicable provisions of Title 10 and Title 49 of the Code of Federal Regulations, Federal Nuclear Regulatory Commission and State Radioactive Material Licenses, as well as the Barnwell Site Disposal Criteria, and any amendments thereto.

1. The above condition is warranted by UCC in the Agreement (see Paragraph 1).
2. Failure to comply could place UCC in default of the Agreement.

B. In the event the location issuing the Release elects to use the services of a DOT approved/licensed carrier, a radioactive waste transport permit must be obtained from the South Carolina Department of Health and Environmental Control Regulations (No. 61-80), copy attached. In addition, certain states and municipalities through which the Material is transported may also require permits.

C. Obtain burial space at the Barnwell, SC disposal site by contacting the Manager of Site Allocation at that location. This individual may be reached at (803) 256-1781.

PLANS COVERED.

ADDRESS ANY QUESTIONS TO G. P. McFADEN

PURCHASING AGENT

☐ CHECK FOR CONTRACT COPY SENT TO POINT

UCCNHT0002866

1. UCC does not participate in the Space Allocation Program at the site.
2. Space granted to participants under this Agreement is on a first-come, first-served basis.
3. Since burial space in excess of that required by generators under allocation is usually made available after the fifteenth of a month, it is recommended that request for space be made at that time.

## II. Release Procedures

- A. The "Release" under this Agreement is the combination of Exhibits A and B as well as Contractor's "Radioactive Shipment Record Form", which is made a part of Exhibit "A" by reference. Instructions for completing the above form, also known as CNS-201, are found on the reverse side thereof.
- B. Each Release must be sequentially numbered for identification and control purposes. A pro-forma P. O. number, identified as a "Release No." in the upper right hand corner of the Exhibits, will satisfy the requirement.
- C. As with all National Agreements for hazardous waste disposal services, UCC represents to the Contractor that the description of the Materials contained in the Exhibits is complete and accurate.
- D. The scope of Work, as described in Paragraph C of Exhibit A, must indicate the specific tasks which are to be performed by both parties.
- E. THE EXHIBIT FORMS MUST BE IDENTICAL TO THOSE ATTACHED TO THE NATIONAL AGREEMENT.

## III. Acceptance and Title to Materials

- A. Contractor has the right to reject all Materials which do not conform to the representations made in the Release.
- B. When transportation and disposal services are provided by Contractor, Contractor will take "Contractual Title" to the Material when it exits UCC's facility. Full title shall pass upon Contractor's receipt of the Materials at the Barnwell Site unless rejected for the following reasons:
  1. Non-conforming
  2. Force-majure occurrence, including arbitrary actions by government officials and/or "good faith" safety concerns of Contractor.
- C. Contractor may return non-conforming Materials to UCC provided Contractor:
  1. Contractor notifies UCC of a non-conformity within seventy-two (72) hours after the arrival of Material at the Barnwell Site.
  2. Said notice must be sent by Contractor via registered or certified mail.
- D. Contractor may also reject Material due to the force majeure occurrences set forth in Paragraph 21, which include:

1. Arbitrary actions by federal, state, or local government officials, or
2. Contractor's good faith safety concerns.

Under such conditions Contractor will notify UCC of such occurrence within (72) hours and acceptance or rejection will be within a reasonable time thereafter.

- E. Contractor is required to handle non-conforming Materials in a lawful manner using due care.
- F. Contractor shall not commingle the Materials if the Materials are rejected, or prior to the expiration of the (72) hour rejection period.
- G. UCC shall reimburse Contractor for the cost of return transportation of rejected Materials.
- H. In the event the terms of the Release can be re-negotiated to cause Contractor to accept a non-conforming or otherwise rejected Material, an amendment to the Release indicating the change should be prepared and executed by both parties prior to the commencement of the Work.

#### IV. Compensation

- A. As set forth in Paragraph 4. the "CONTRACT PRICE" is the total price paid for the services performed under a Release. This amount is the sum of the removal and transportation charges as determined under Schedule A and the disposal charges found in Schedule B.
- B. It is important to note the various cost build-up factors found in Schedule B. Said amount includes a basic disposal charge to which various scheduled surcharges are added based on radiation levels, type of container, weight, etc.
- C. Each participating location is given an option under this Agreement to either obtain transportation from CNSI or obtain third party services.

#### V. Demurrage, Delay and Overtime Charges

See Paragraph 5 of the Agreement for specific demurrage and delay charges.

VI. Waste disposal services may be obtained under this Agreement through any of the following offices of CNSI:

Corporate and Western Operations  
P. O. Box 1866  
Bellevue, WA 98009  
(206)827-0711

Northeast/Midwest Operations  
The Exchange Ste. 203  
270 Farmington Avenue  
Farmington, CT 06032  
(203)677-0455

Eastern Office  
1 Greystone West Bldg.  
240 Stoneridge Drive  
Columbia, SC 29210  
(803)798-9042

Southeast/Southwest Operations  
P. O. Box 726  
Barnwell, SC 29812  
(803)259-1781

VII. Guidance of Disposal of Low-Level Radioactive Waste at Barnwell Waste Management Facility

Attached are the subject guidelines prepared by Ms. C. L. Dudnick of the Law Department, dated April 1, 1982.

EXHIBIT "A"

Radioactive Waste Disposal Contract # 100-27573  
Order/Release No.

A.1. DELIVERY LOCATION

2. Company's Facility (if other than Delivery Location)

B. MATERIALS

1. Describe materials and any containers in which such materials are to be delivered to Contractor. Specify when and where the containers are to be provided.

The Material shall be as described on Contractor's Form #CNS-201, dated, attached hereto and made a part hereof.

2. Additional Information (Specify DOT shipping name and class and EPA description. Specify any special handling instructions.)

C. WORK

Describe Work to be performed. (Indicate specific services to be performed, such as package, accept, load, transport, treat, store and dispose. Indicate method of disposal. If Contractor has responsibility for marking and labeling containers in which Materials are to be tendered to Contractor or to perform any other service for Company prior to delivery of Materials, so specify. Indicate any portion of the Work which is to be subcontracted and name of subcontractor.)

D. DISPOSAL LOCATION

Indicate nature and specific location of disposal area.

Contractor's disposal site located approximately six (6) miles west of Barnwell, South Carolina.

## EXHIBIT "A" continued

Radioactive Waste Disposal Contract #100-27573  
Order/Release No. 1

## E. QUANTITY

(Specify quantity. If no definite quantity, describe how quantity is determined, such as, such quantity as Company designates for the Work during period between \_\_\_\_\_ and \_\_\_\_\_.)

## F. ORDERING PROCEDURE AND SCHEDULES

(Specify delivery schedule or procedure for ordering and scheduling deliveries of the Quantity of Materials. Also specify any time limit for a pickup after order is given.)

## G. NOTICES

For the purpose of providing notice pursuant to Paragraph 22. NOTICES and Paragraph 3. ACCEPTANCE AND TITLE TO MATERIALS of this AGREEMENT, Company designates \_\_\_\_\_ as its representative with respect to the Work performed under this Release.

2. Contractor hereby designates \_\_\_\_\_ as Contractor's duly authorized representative.

Agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

CONTRACTOR)

(COMPANY)

By \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

UCCNHT0002871

EXHIBIT "B"

Radioactive Waste Disposal Contract #100-27573  
Order/Release No.

A. QUANTITY MEASUREMENT

(Specify method of measurement  
and place where it is to be  
conducted.)

B. CONTRACT PRICE

Transportation (if provided by Contractor  
hereunder)

Per trip rate in accordance with  
Schedule "A".

Disposal Services

The following rates in accordance  
with Schedule "B", latest revision.

C. INVOICING INSTRUCTIONS

Agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
(CONTRACTOR)

By \_\_\_\_\_

Title \_\_\_\_\_

(COMPANY)

By \_\_\_\_\_

Title \_\_\_\_\_

UCCNHT0002872

Guidance on Disposal of Low-Level Radioactive Waste  
at the Barnwell Waste Management Facility

Under a national contract being negotiated with Chem-Nuclear Services, Inc. ("CNSI"), Union Carbide will "warrant and represent" that each shipment of radioactive waste submitted to CNSI for disposal at the Barnwell site complies with all applicable provisions of Title 10 (NRC regulations) and Title 49 (DOT regulations) of the Code of Federal Regulations, all applicable provisions of South Carolina laws and regulations, CNSI's licenses to operate and provide disposal services at Barnwell, the Barnwell Site Disposal Criteria, and any amendments to any of these laws, regulations, permits and disposal criteria. Once the contract with CNSI is executed and a need for services under the contract is indicated, the environmental manager at each facility responsible for activities pertaining to the packaging, transportation, and disposal of the waste will have to familiarize himself or herself with the appropriate regulatory requirements, CNSI licenses, and Barnwell site disposal criteria. Assuming the facility has obtained an allocation to dispose of waste at Barnwell, the following is a general guide to the items to be considered in order to use that allocation:

1. Review the radioactive materials license for the UCC facility to ensure that it authorizes transfer of the particular waste for disposal at Barnwell and that CNSI's licenses, current copies of which CNSI is to provide, authorize the receipt of the type, form and quantity of material to be transferred.

2. Review packaging and labeling requirements contained in DOT and NRC regulations, CNSI permits and the site disposal criteria cited in the first paragraph of this memorandum. CNSI is certainly an appropriate resource in determining what these requirements are. In fact, South Carolina regulations require CNSI, as operator of the Barnwell facility, to notify each shipper of special requirements, if any, regarding the packaging, transportation, storage, disposal or delivery of wastes at Barnwell. However, remember that even if CNSI is requested to do packaging and labeling and improperly performs these tasks, Union Carbide will be held responsible under South Carolina law and any penalty assessed will be assessed against Union Carbide.

To assure that this legal responsibility for proper packaging and labeling is clearly placed on the shipper of the waste, the State of South Carolina requires the shipper to provide it with a certification that the materials are properly classified, described, packaged, marked and labeled and in proper condition for transportation. (See paragraph 5.1 of the South Carolina Department of Health and Environmental Control Regulation No. 61-83, a copy of which is attached, hereinafter referred to as "the South Carolina Regulations.") CNSI also requires the shipper to provide this same certification on its Radioactive Shipment Record Form for use of the



Barnwell Waste Management Facility. It is therefore important that the environmental manager at the facility who is responsible for these activities assure that qualified personnel perform these tasks.

3. If CNSI does not provide transportation services, choose a transporter whom you find qualified for the transportation of low-level radioactive waste. The transporter must, of course, be franchised by the ICC as authorized to transport in interstate commerce, or Union Carbide may provide its own transportation. Even if you request CNSI to package and transport waste to Barnwell, the South Carolina Regulations only require CNSI, as the carrier, to certify that the shipment is properly placarded, shipping papers are properly executed, the vehicle has been inspected and complies with Federal and South Carolina requirements, and it has copies of the Radioactive Waste Prior Notification and Manifest Form and the Radioactive Waste Shipment Certification Form (see paragraphs 5 and 7 below).

4. In reviewing the route to be followed by the transporter of waste to Barnwell, assure that all notices to be supplied by the shipper to states and local governments along the route are timely provided. The transporter and/or CNSI should have sufficient information on notification requirements and I suggest you consult with them. Nonetheless, an independent review should be made of the notice requirements imposed by law on the shipper. I suggest requesting HAMTRAC personnel to provide assistance.

Despite statements by the NRC to the contrary, many state and local governments have determined and will probably continue to determine that all radioactive material transported into and through their borders poses a potential health threat and will require prenotification and/or postnotification, prohibit the use of certain routes, etc. While it has been the fate of many of these laws eventually to be declared unconstitutional, I recommend compliance with them or use of alternative routes.

5. Before disposing of radioactive waste at Barnwell, the shipper must have a valid radioactive waste transport permit issued by the South Carolina Department of Health and Environmental Control in accordance with its Regulation No. 61-83, a copy of which is attached. This permit must be renewed each year. Under the South Carolina Regulations, Union Carbide could obtain one permit to cover all facilities, each division could obtain a permit to cover all of its facilities, or each facility or several facilities could obtain a separate permit. I strongly recommend that each facility shipping waste to Barnwell obtain a separate permit because, should South Carolina suspend a permit, Barnwell would be prohibited from accepting radioactive waste from all the facilities covered by that permit. Further, I understand that South Carolina is very conscientious in its enforcement of its radioactive material regulations. This fact, too, militates against assuming the risk of including more than one facility on a permit. (Several Union Carbide facilities have already purchased individual permits.)

Attached to the copy of Regulation No. 61-83, you will see a copy of the application for a permit. I suggest telephoning Mr. Virgil R. Autry, Director, Division of Radioactive Material Licensing and Compliance, South Carolina Department of Health and Environmental Control, at 803-758-7951, to find out what the appropriate fee is. In addition, the person responsible for obtaining this permit should speak with Robert M. Thode in our Insurance Department (presently in New York City at 8-427-4209) in order to obtain the certificate of liability insurance required to be submitted with the application.

6. The shipper must give written notice to the South Carolina Department of Health and Environmental Control no more than 30 days and not less than 72 hours before each shipment of radioactive waste is expected to arrive in the State or leave the shipper's licensed facility within the State, unless the shipment consists of 75 cubic feet or less containing one curie of radioactive material or less which may be consigned as non-exclusive use shipments under DOT regulations. A copy of the form, Radioactive Waste Shipment Prior Notification and Manifest Form, and instructions are also attached to the copy of Regulation No. 61-83. Note that any cancellation or changes in date of arrival, carrier, route, waste description, curie content, volume or waste classification which occur before the waste leaves the Union Carbide facility must also be immediately reported to the Department by telephoning 803-758-7806. I suggest maintaining a record of the Department person contacted.

South Carolina has a telecopier machine for transmitting the advance notice forms. A copy of the form must be given to the carrier and all drivers and accompany the shipment to Barnwell. CNSI will complete the "Consignee Acknowledgement" part of this form when it is accepted at Barnwell.

7. Under the South Carolina Regulations, the Union Carbide facility is required to inspect the low-level radioactive waste shipment within 48 hours before shipment and certify that the inspection was made and that no items of non-compliance were found. There is a certification block on CNSI's Radioactive Shipment Record Form that the UCC facility must complete that confirms the inspection was made.

8. In addition to the accurate prior notification form and other required shipping documents, including the DOT-required shipping document (bill of lading) and CNSI's Radioactive Shipment Record Form, South Carolina also requires that a Radioactive Waste Shipment Certification Form be completed by the shipper and carrier. (A copy of this form is also included with Regulation No. 61-83.) Once a shipment is accepted at Barnwell, it is the shipper's responsibility to assure that the duly executed notification form and certification form are provided to the South Carolina Department of Health and Environmental Control.

9. If the Union Carbide facility has an NRC-issued license, records of the transfer and disposal of source or byproduct material must be maintained by that facility until the Commission authorizes their disposition. After five years, I would recommend requesting the Commission to authorize their disposition, or at the least, removal from the site to Union Carbide's Vermont depository. Agreement state licensees will also have to maintain records. The length of time will depend upon the particular agreement state statute or regulations.

It is an understatement to say that the transfer of radioactive material is highly regulated. As the generator of radioactive waste, Union Carbide will be held responsible for complying with requirements pertaining to packaging, marking and labeling of packages, loading of packages, monitoring, reporting, transportation and disposal. If any injury, damage or noncompliance with applicable regulations arises as a result of the transportation and disposal of the waste, South Carolina will most certainly rely on certifications contained in the waste transport permit, prior notification form, and radioactive waste shipment certification form as well as CNSI's Radioactive Shipment Record Form for Barnwell to hold Union Carbide liable for any penalties or damages. It is therefore important that reliance on other parties for performance of any of our legal obligations is well-placed.

Encl.

South Carolina  
Department of  
Health and  
Environmental  
Control

*Belleme - L. Reynolds*

BOARD

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COMMISSIONER

Robert S. Jackson, M.D.  
2600 Bull Street  
Columbia, S.C. 29201

June 23, 1981

TO: All Shippers and Carriers  
of Radioactive Waste into or within South Carolina

FROM: Heyward G. Shealy, Chief *J. R. F.*  
Bureau of Radiological Health

SUBJECT: Radioactive Waste Transportation Regulations and  
General Information

Enclosed is the Department's final Regulation No. 51-83, Transportation of Radioactive Waste into or within South Carolina which was promulgated pursuant to Act No. 429 of 1980, The South Carolina Radioactive Waste Transportation and Disposal Act and became effective May 22, 1981.

As a reminder, paragraph 4.1 of the Regulation requires shippers to give written notice to the Department not less than 72 hours nor more than 30 days before the expected date of arrival of the shipment in the State or departure from the shipper's facility within the State.

In addition, shippers and carriers are required to make notification to the Department of any changes as stipulated in paragraphs 4.1.2 and 5.2 of the Regulation.

A RAPICOM 1500 automated, Facsimile Telecopier has been provided by the Department to receive advance written notifications, and can be reached at (803) 799-6726. For those shippers not having compatible Facsimile equipment, the RAPICOM 1500 has now been equipped with a compatibility module, and will accept communication from other machines. However, this feature is not automated and requires assistance from the Telecopier operator. Therefore, between the hours of 8:30 A.M. and 4:30 P.M., an operator will be available for voice communication and coordination of the Telecopier transmission. Compatible machines can still communicate automatically 24 hours daily.

(OVER)

UCCNHT0002877

All Shippers and Carriers  
Regulation No. 61-83  
June 23, 1981

All changes in prior notifications to be made by shippers and carriers can be made by calling (803) 758-7806. After normal office hours (8:30 A.M. - 4:30 P.M.) and holidays, this number is switched to an automatic answering phone to accept notification changes.

Any question concerning the above or shipments of radioactive waste can be made to Mr. Virgil R. Autry, Director, Division of Radioactive Material Licensing and Compliance at (803) 758-7951.

HGS:bb

UCCNHT0002878

South Carolina Department of Health  
And Environmental Control  
Regulation No. 61-83

Transportation of  
Radioactive Waste Into or Within  
South Carolina

Approved by the South Carolina  
Board of Health and Environmental Control  
November 13, 1980  
Effective Date  
May 22, 1981

Promulgated pursuant to Act No. 429 of 1980, The South Carolina  
Radioactive Waste Transportation and Disposal Act, Amending Section  
13-7-10 et seq. of the 1976 Code of Laws, The South Carolina Atomic  
Energy and Radiation Control Act.

South Carolina  
Department of Health and Environmental Control  
Regulation 61-83  
Transportation of Radioactive Waste  
Into or Within South Carolina

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Section 6	Disposal Facility Operator ----- 8
Section 7	Penalties ----- 8
Section 8	Severability Clause ----- 9
Attachments:	
Attachment I	----- Form RHA-200P "Application for Radioactive Waste Transport Permit"
Attachment II	----- Form RHA-PNC "Radioactive Waste Shipment Prior Notification and Manifest Form"
Attachment III	----- Form RHA-CT "Radioactive Waste Shipment Certification Form"

## 1. SCOPE

- 1.1 This regulation applies to any shipper, carrier or other person who transports radioactive waste into or within this State, to any persons involved in the generation of radioactive waste within this State, and to any shipper whose radioactive waste is transported into or within this State or is delivered, stored, or disposed of within this State.
- 1.2 All persons subject to the provisions of this regulation shall comply with all applicable provisions of 49 CFR Parts 171-179, 49 CFR Parts 386-399, 10 CFR Part 71, Regulation 61-63 of the 1976 Code of Laws of South Carolina, and any disposal facility radioactive material license requirements regarding the packaging, transportation, disposal, storage or delivery of radioactive materials.

## 2. DEFINITIONS

- 2.1 "Carrier" means any person transporting radioactive wastes into or within the State for storage, disposal or delivery.
- 2.2 "Department" means the Department of Health and Environmental Control including personnel authorized to act on behalf of the Department.
- 2.3 "Disposal facility" means any facility located within the State, which accepts radioactive waste for storage or disposal.
- 2.4 "Generation" means the act or process of producing radioactive wastes.
- 2.5 "Manifest" means the document used for identifying the quantity, composition, origin, and destination of radioactive waste during its transport to a disposal facility.
- 2.6 "Operator" means every person who drives or is in actual physical control of a vehicle transporting radioactive waste.



2.7 "Persons" means any individual, public or private corporation, political subdivision, government agency, municipality, industry, partnership or any other entity whatsoever.

2.8 "Permit" means an authorization issued by the Department to any person involved in the generation of radioactive waste, to transport such radioactive wastes or offer such waste for transport.

2.9 "Radioactive waste" means any and all equipment or materials, including irradiated nuclear reactor fuel, which are radioactive or have radioactive contamination and which are required pursuant to any governing laws, regulations, or licenses to be disposed of as radioactive waste.

2.10 "Radiological violation" means radioactive contamination or the emission of radiation in excess of applicable limits.

2.11 "Shipper" means any person, whether a resident of South Carolina or a non-resident:

2.11.1 who transfers radioactive waste to a carrier for transportation into or within the State; or,

2.11.2 who transports his own radioactive waste into or within the State; or,

2.11.3 who transfers radioactive waste to another person if such wastes are transported into or within the State.

2.12 "Transport" means the movement of radioactive wastes into or within South Carolina.

### 3. PERMITS

3.1 Before any shipper transports or causes to be transported radioactive waste into or within the State of South Carolina, he shall purchase an annual radioactive waste transport permit from the Department. An application for a permit shall be submitted on Department Form RHA-200P "Application for Radio-

active Waste Transport Permit" together with the necessary fee to: Chief, Bureau of Radiological Health, S.C. Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina, 20201.

- 3.2 Before a permit shall be issued, the shipper must deposit and maintain with the Department a cash or corporate surety bond in the amount of Five Hundred Thousand Dollars (\$500,000.00); or, provide to the Department satisfactory evidence of liability insurance.
- 3.2.1 For purposes of this regulation, liability insurance shall mean coverage of Five Hundred Thousand Dollars (\$500,000.00) per occurrence and One Million Dollars (\$1,000,000.00) aggregate, or as otherwise provided by State law.
- 3.2.2 Any insurance carried pursuant to Section 2210 of Title 42 of the United States Code and Part 140 of Title 10 of the Code of Federal Regulations shall be sufficient to meet the requirements of this section.
- 3.2.3 Liability insurance shall be specific to the packaging, transportation, disposal, storage and delivery of radioactive waste.
- 3.2.4 Shippers maintaining liability insurance for the purpose of this regulation may provide to the Department a certificate of insurance from their insurer indicating the policy number, limits of liability, policy date and specific coverage for packaging, transportation, disposal, storage and delivery of radioactive materials.
- 3.2.5 A cash or corporate surety bond previously posted will be returned to the shipper upon notification to the

Department in writing of his intention to cease shipments of radioactive waste into or within the State. Such bond will be returned after the last such shipment is accepted safely at its destination.

- 3.3 Each permit application shall include a certification to the Department that the shipper will comply fully with all applicable State or Federal laws, administrative rules and regulations, licenses, or license conditions of the disposal facility regarding the packaging, transportation, storage, disposal and delivery of radioactive wastes.
- 3.4 Each permit application shall include a certification that the shipper will hold the State of South Carolina harmless for all claims, actions, or proceedings in law or equity arising out of radiological injury or damage to persons or property occurring during the transportation of its radioactive waste into or within the State including all costs of defending the same; provided, however, that nothing contained herein shall be construed as a waiver of the State's sovereign immunity; and, further provided, that agencies of the State of South Carolina shall not be subject to the requirements of this provision.
- 3.5 Permit fees will be annually determined and assessed by the Department based on the following classifications:
- 3.5.1 Class X - more than an annual total of 75 cubic feet or more than 100 curies of radioactive waste for disposal within the State.
- 3.5.2 Class Y - an annual total of 75 cubic feet or less of radioactive waste consisting of 100 curies or less total activity for disposal within the State.

3.5.3 Class 2 - any shipment of radioactive waste which is not consigned for storage or disposal within the State, but which is transported into or within the State.

3.6 Permits will be valid from the date of issuance through December 31 of each calendar year. Permit fees are not refundable. Permits may be renewed by filing a new application with the Department.

#### 4. SHIPPER'S REQUIREMENTS

4.1 Before any shipment of radioactive waste may be transported into or within the State, the shipper shall give written notice to the Department not less than 72 hours nor more than 30 days before the expected date of arrival of the shipment or departure from the shipper's facility within the State as the case may be, except as provided in paragraph 4.1.3.

4.1.1 All prior notifications shall be filed on a Department form designated as RHA-PNC "Radioactive Waste Shipment Prior Notification and Manifest Form."

4.1.2 The shipper shall immediately notify the Department of any cancellations or significant changes in the prior notification or manifest summary which may occur prior to the shipment departing his facility. For example, such changes include changes in date of arrival, carrier, route, waste description, curie content, volume, or waste classification.

4.1.3 For shipments consisting of 75 cubic feet or less containing one curie of radioactive material or less which may be consigned as non-exclusive use shipments according

to applicable U.S. Department of Transportation regulations, the requirement for prior notification contained in paragraph 4.1 is waived. Such shipments must otherwise comply with all other applicable requirements regarding the packaging, transportation, storage, disposal and delivery of radioactive wastes.

- 4.2 The shipper shall provide to the carrier with each separate shipment a copy of the RHA-PNC "Radioactive Waste Shipment Prior Notification and Manifest Form" required by paragraph 4.1. Such copy shall show any changes made pursuant to paragraph 4.1.2 above. Each shipper shall instruct the carrier to comply with the route and schedule contained therein.
- 4.3 The manifest accompanying each shipment of radioactive waste shall include a copy of the shipper's certification prepared on Department form RHA-CT, Part I, "Radioactive Waste Shipment Certification Form," which shall include certification that the shipment has been inspected and complies with all applicable State and Federal laws and administrative rules and regulations, license or license conditions of the disposal facility regarding the packaging, transportation, storage, disposal and delivery of radioactive wastes.
- 4.4 Following acceptance of each separate shipment at a disposal facility or at the consignee's facility, it shall be the responsibility of each shipper to provide to the Department for such shipment a copy of Department form RHA-PNC "Radioactive Waste Prior Notification and Manifest Form" with the Consignee Acknowledgement properly executed and to provide the Department with the "Radioactive Waste Shipment Certification Form," Department form RHA-CT, which accompanied that shipment.

## 5. CARRIER REQUIREMENTS

5.1 For each shipment of radioactive waste materials shipped into or within the State, a carrier shall complete Part II:

Carrier's Certification on the form RHA-CT provided by the shipper. The certificate shall be signed by a principal, officer, partner, responsible employee or other authorized agent of the carrier.

5.1.1 The carrier shall certify that the shipment is properly placarded for transport and that all shipping papers required by law and administrative rules and regulations have been properly executed; and,

5.1.2 that the transport vehicle has been inspected and meets the applicable requirements of the Federal government and the State of South Carolina, and that all safety and operational components are in good operative condition; and,

5.1.3 that the carrier has received a copy of the shipper's "Radioactive Waste Prior Notification and Manifest Form," specified in paragraph 4.2 and the "Radioactive Waste Shipment Certification Form," form RHA-CT specified in paragraph 4.3; and,

5.1.4 that the carrier shall comply fully with all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of such waste.

5.2 A carrier shall immediately notify the Department of any variance, occurring after departure, from the primary route and estimated date of arrival of shipment as provided by the shipper on Form RHA-FNC.

- 5.3 The copies of Forms RHA-CT and RHA-PNC shall accompany the shipment to the destination and shall be presented together with the manifest and other shipping papers.

6. DISPOSAL FACILITY OPERATOR

- 6.1 Owners and operators of disposal facilities shall permanently record, and report to the Department within twenty-four (24) hours after discovery, all conditions in violation of the requirements of this regulation discovered as a result of inspections required by any license under which the facility is operated.
- 6.2 Prior to the receipt of radioactive wastes at a disposal facility in this State, the owners and operators of such facility shall notify each shipper of any special requirements, if any, in effect regarding the packaging, transportation, storage, disposal or delivery of such wastes at that facility.
- 6.3 No owner or operator of a disposal facility located within this State shall accept radioactive waste for storage or disposal unless the shipper of such waste has a valid, unsuspended permit issued pursuant to this regulation.

7. PENALTIES

- 7.1 Any person who commits a radiological violation shall:
- 7.1.1 be fined not less than One Thousand Dollars (\$1,000.00) nor more than Five Thousand Dollars (\$5,000.00); and,
- 7.1.2 if such person is a shipper, have his permit suspended for a period of not less than thirty (30) days and until such time as he demonstrates to the Department's satisfaction that adequate measures have been taken to prevent reoccurrence of the violation.

7.2 Any person who commits a second radiological violation within twelve (12) months of the first such violation shall:

7.2.1 be fined not less than Five Thousand (\$5,000.00) nor more than Twenty-five Thousand Dollars (\$25,000.00); and,

7.2.2 if such person is a shipper, have his permit suspended for a period of not more than one year and until such time as he demonstrates to the satisfaction of the Department that adequate measures have been taken to prevent reoccurrence of the violations.

7.3 Any person who commits a non-radiological violation of the provisions of this regulation shall be fined not more than One Thousand Dollars (\$1,000.00) for each violation; provided, that should the Department determine that a series of such violations has occurred, the Department shall suspend or revoke that person's permit for a period of not more than twelve (12) months.

7.4 Any person to whom an order, injunction, suspension, or fine issued under this article is directed shall comply therewith immediately, but on application to the Department, within twenty (20) days after the date of the order, shall be afforded a hearing within thirty (30) days of such application.

#### 8. SEVERABILITY CLAUSE

8.1 It is hereby declared that each of the sections and provisions of this regulation are severable, and in the event that any one or more of such sections are declared unconstitutional or invalid, the remaining sections and provisions of this regulation shall remain in effect.



ATTACHMENTS

UCCNHT0002890

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
APPLICATION FOR RADIOACTIVE WASTE TRANSPORT PERMIT

**Instructions:** Complete Items 1 through 8. Submit original and one copy to Chief, Bureau of Radiological Health, S.C. Dept. of Health and Environmental Control, 2600 Bull Street, Columbia, S.C. 29201. All entries must be signed and dated. Additional sheets may be used if necessary. Upon approval, the Department will return one copy with your transport permit. All permit fees should be made payable to the S.C. Dept. of Health and Environmental Control, Bureau of Finance, 2600 Bull Street, Columbia, S.C. 29201. Please note on remittance, "For Radioactive Waste Transport Permit."

**Note:** Radioactive Waste Transport Permits may be purchased for more than one facility or location of a company, corporation, etc. However, an application shall be submitted for each facility to include the additional fee and the required certificate of insurance or bond.

1. Name and Address of Applicant (Shipper):	2. Person responsible for Radioactive Waste shipment: (a) Name: _____ (b) Title: _____ (c) Address: _____ (d) Telephone: _____
3. Locations from which waste will be shipped if application is for more than one facility. (a) _____ (b) _____	4. NRC or Agreement State Radioactive Material License No. for each location. (a) _____ (b) _____
5. Estimated Annual Cubic Footage: _____	6. Amount of permit fee remitted: _____

Information to be Submitted as Attachment

7. A Certificate of Liability Insurance shall be submitted as evidence of financial ability to protect the State of South Carolina and the public at large from possible radiological injury or damage due to packaging, transportation, disposal, storage, or delivery of radioactive waste. For those applicants not maintaining liability insurance, they must deposit and maintain with the Department a cash or corporate surety bond in the amount of Five Hundred Thousand Dollars (\$500,000.00).

CERTIFICATE

8. In compliance with Act No. 429 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named applicant (shipper) to the South Carolina Department of Health and Environmental Control that: (A) the above-named applicant (shipper) will comply fully with all applicable laws and administrative rules and regulations, both State and Federal, and any disposal facility radioactive material license requirements regarding the packaging, transportation, storage, disposal, and delivery of such wastes; (B) the above-named applicant (shipper) will hold the State of South Carolina harmless for all claims, actions, proceedings in law or equity arising out of radiological injury or damages to persons or property occurring during the transportation of its radioactive waste into or within the State including all costs defending same; provided, however, that nothing contained herein shall be construed as a waiver of the State's sovereign immunity; (C) the above-named applicant (shipper) has current copies of the Regulations for the Transportation of Radioactive Waste into or within the State of South Carolina, DOT Regulations 49 CFR Parts 171-179, and when applicable, the disposal site radioactive material license and the disposal site waste acceptance criteria; (D) the above-named applicant (shipper) has prepared this application to conform with South Carolina Department of Health and Environmental Control Regulation for Transportation of Radioactive Waste Into or Within South Carolina, and that all information contained herein, including any required supplements attached hereto, is true and correct to the best of my knowledge and belief.

Date \_\_\_\_\_

Typed Name and Title of Agent of  
Applicant (Shipper)

Signature \_\_\_\_\_

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
Radioactive Waste Shipment Prior Notification and Manifest Form

See Reverse Side for Instructions.		
1. Name and Address of Shipper.		2. Person Responsible for Radioactive Waste Shipment: (a) Name (b) Title (c) Telephone No. ( )
3. Radioactive Waste Transport Permit No.		4. Shipment Identification No.:
5. Location from which waste will be shipped:		6. Name and Address of Consignee
7. Scheduled Date of Departure of Shipment:		8. Estimated Date of Arrival of Shipment.
9. Carrier:	10. Type of Transport Vehicle	11. Trailer No. and Owner (if available)
12. Routes shipment will follow in State of South Carolina (Be Specific):		

Manifest Summary		
13. Type Container or Cask	14. Container Spec.	15. Total No. of Containers
16. Waste Description, Physical and Chemical Form		17. Prominent Radionuclides.
18. Total Curies	19. Transport Group	20. Total Cubic Feet.
21. Waste Classification:		
<input type="checkbox"/> Radioactive LSA	<input type="checkbox"/> Bulk LSA	Normal Form
<input type="checkbox"/> Radioactive LSA greater than Type A quantities	<input type="checkbox"/> Limited quantities and radioactive devices	<input type="checkbox"/> Type A quantity <input type="checkbox"/> Type B quantity <input type="checkbox"/> Large quantity
		Special Form <input type="checkbox"/> Type A quantity <input type="checkbox"/> Type B quantity <input type="checkbox"/> Large quantity
		Fissile <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III

CERTIFICATION	
I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the information provided herein is complete and correct to the best of my knowledge, and that the shipper has complied with all the provisions as required by Act No. 429 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act.	
Date _____	
Typed Name and Title of Agent of Shipper	Signature _____

CONSIGNEE ACKNOWLEDGEMENT	
This acknowledges to the South Carolina Department of Health and Environmental Control that the above-described radioactive waste shipment was received.	
Date of Delivery _____	Signature of Consignee or authorized Agent _____
	Typed or Printed Name and Title _____

General Instructions and Information

1. This form is to be used to provide the Department with prior notification of radioactive waste shipments transported into or within the State of South Carolina. This notification is to be made 72 hours before the expected date of arrival in the State. All written notices should be mailed to:

Bureau of Radiological Health  
Radioactive Waste Management Section  
S.C. Dept. of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

2. A separate form shall be submitted for each radioactive waste shipment.
3. Prior notification is required of all radioactive waste shipments as defined in paragraph 2 of Interim Regulations for the Transportation of Radioactive Waste into or within South Carolina except as provided in paragraph 4.1.2 of the Regulation.
4. The "Manifest Summary" portion of this form will satisfy requirements of providing the Department with a shipping manifest, however, it does not satisfy the requirements of shipping documents which shall accompany the shipments as required by DOT Regulations and the disposal facility's license and criteria.
5. A copy of this completed form shall be provided to the carrier and all drivers of the radioactive waste shipment.
6. Upon delivery of the shipment to the consignee, acknowledgement of receipt shall be obtained, and a copy of this form and the shipper/carrier's certification form shall be returned to the Department.

Specific Instructions

Item Number

1. Self Explanatory
2. Self Explanatory
3. This item applies to all shipments of radioactive waste transported to and within the State of South Carolina.
4. Each shipment of radioactive waste shall be identified in some manner by the shipper. This number can be a radioactive shipment record number, bill of lading number, allocation number, etc. The identification number shall only be used once to identify the one shipment for which notification is being made.
5. Self Explanatory
6. Indicate in this item the disposal facility, company, organization, etc., to which this shipment has been consigned.
7. Self Explanatory
8. For through shipments, indicate in this item estimated date shipment will pass through the state.
9. Self Explanatory
10. & 11. Applies only to exclusive use, sole use, and full load shipments.
12. All routing information must be specific. You should check with carrier to insure routes you prescribe are appropriate. The carrier is responsible to inform the Department of any changes of routes in South Carolina after departure.
- 13 thru 21. Self Explanatory

Certification: To be signed only by an authorized representative or agent of the shipper and carrier.

UCCNHT0002893

UCCNHT0002894



# GILLS PLUMBING & HEATING SUPPLY INC.

13161

Wholesale Distributor of Plumbing and Heating Supplies  
4601 Military Rd. • Niagara Falls, N.Y. 14305 • Phone 297-0030

DUBE CONSTRUCTION

2267 LOCKPORT ROAD

SANBORN, NY 14132

ORDER  
DATE

CUSTOMER  
P.O. #

DELIVERY  
DATE

BACK ORDER

WILL CALL

Ship To

PHONE

SALESMAN

PICKED BY

SPECIAL ORDER

BY

D.O.

BY

BY

DATE

QUANTITY  
ORDERED

UNIT

QUANTITY  
SHIPPED

DESCRIPTION

UNIT PRICE

AMOUNT

10

10

10

DOOR COIL OIL LAMP

9.50

195.00

TERMS: Net 20 days. Past due accounts are subject to a FINANCE CHARGE of 1 1/2 percent per month (18% annually) on unpaid balance

UCCNHT0002895









# BUFFALO WELDING SUPPLY COMPANY, INC.

Serving Western New York Since 1937

396 GRAND ISLAND BOULEVARD TONAWANDA, NEW YORK 14150-6596 (716) 875-3340

DUBE CONSTRUCTION

DUBE00  
DUBE CONSTRUCTION  
2267 LOCKPORT RD.  
SABORN, N. Y. 14132

INVOICE # 116580 DATE 07/10/84 ST # 1 CUSTOMER P.O. NUMBER D ZZ TERMS NET 30 DAYS 199

QTY	RET OR B/C	TYPE	PART NUMBER	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
2	1		OXY244	OXYGEN CYL - 251 CF	502	6.75	33.89
2	1		ACE000	ACETYLENE CYL	624	16.46	102.71
				STATE	00		
				FEDERAL TAX	.00		
				SALES TAX	9.56		
				DELIVERY CHARGE	5.00		
				TOTAL			151.16

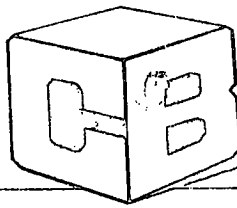
PAID 7/11/84  
13/6/8 PD

PLEASE  
PAY  
THIS  
AMOUNT



B  
W  
S

UCCNHT0002899



# CONCRETE

## INVOICE

No 1570

Invoice Date: August 22, 1984

CONVENTIONAL DRUMS OR METERED MOBIL

OFFICE & PLANT  
2186 CORY DR  
SANBORN NY 14132

CENTRAL DISPATCH  
694-4300

2nd PLANT  
11 PFOHL RD  
CHEEKTOWAGA NY 14225

Dube Construction  
2267 Lockport Road  
Sanborn, NY - 14132

TERMS \$2.00 yd. dis. 10th; Net 30 days.

2% INTEREST PER MONTH ON PAST DUE AMOUNTS

DATE	DESCRIPTION	AMOUNT	TOTAL
8/13/84	Elkem Mills 3 yards 3500 #1 @ 46.00 Tax Trucking @ 9.00 Short Load	\$138.00 9.66 27.00 20.00	\$194.66
THANK YOU HAVE A NICE DAY!			

DISCOUNT OF \$ 6.00 MAY BE TAKEN IF ACCOUNT IS PAID IN FULL BY Sept. 10, 1984

UCCNHT0002900

# LEWGO

1409 SENECA STREET AT BAILLY  
BUFFALO, N. Y. 14210 • 822-6243

WILL CALL

DATE:

NAME

ADULTS

PHONE NO

WHEN SHIP

SHIP BY

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841,

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10-1-45

FLATPAK® - MODERN BUSINESS FORMS INC.

5



**GALKINS  
LUMBER CO.**

2874 NIAGARA ST  
P O. BOX 3128  
SANBORN, N. Y. 14132

PHONE:  
AREA CODE 716  
731-3213

67832

CUSTOMER ASSUMES ALL RESPONSIBILITY FOR  
ANY DAMAGES CAUSED BY TRUCKS DELIVERING  
BEYOND STREET PAVEMENT

10% Handling Charge Deducted on Material Returned

<b>Customer's Order No.</b>		<b>Date</b>
<b>Name</b>		
<b>Address</b>		
SOLD BY	CASH	COD
CHARGE	ON ACCT	MDSR RETD
PAYED OUT		

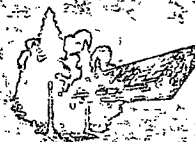
QUAN	DESCRIPTION	PRICE	AMOUNT
2	1/4 LB 24 YLZ) 6 MIL BLOCK POLY Plastic	59.25	119.40
30 PC	2x4-8' Hwy SPRUCE	1.49	44.70
c	Coupling Gears	5.99	59.40
			170.58
		1.17	11.74
			182.52
	SALES TAX		
	TOTAL		

FORM NO. 100-A (REV. 10-65)

All claims and returned goods **MUST** be accompanied by this bill

5103

Rec'd By



# WALKINS LUMBER CO

294 NIAGARA ST.  
P.O. BOX 3128  
SALTORN, N.Y. 14132

PHONE:  
AREA CODE 716  
731-3213

67887

CUSTOMER ASSUMES ALL RESPONSIBILITY FOR  
ANY DAMAGES CAUSED BY TRUCKS DELIVERING  
BEYOND STREET PAVEMENT

10% Handling Charge Deducted on Material Returned

[illegible]

**All claims and returned goods MUST be accompanied by this bill**

510

Rec'd By

UCCNHT00002902

71264



# CALKINS LUMBER CO

2874 NIACARA ST.  
P.O. BOX 3128  
SANBORN, N. Y. 14132

PHONE.  
AREA CODE  
731-3211

CUSTOMER ASSUMES ALL RESPONSIBILITY FOR  
ANY DAMAGES CAUSED BY TRUCKS DELIVERING  
BEYOND STREET PAVEMENT

10% Handling Charge Deducted on Material Returned

Customer's Order No.		Date	
Name			
Address			
SOLD BY	CASH	COD	CHARGE
ON ACCT	MDSE RETD	PAID OUT	
QUAN	DESCRIPTION	PRICE	AMOUNT
20	2x4-8 R-9	1.49	29.80
1	2x8-10 R-9		5.99
1	5x6-16 cc nails		15.25
1	4x4-8 70-20 Yell		4.99
			76.99
			101.74
			101.74
SALES TAX			
TOTAL			

All claims and returned goods **MUST** be accompanied by this bill.

5103

Rec'd By



INTERNAL  
CORRESPONDENCE

UNION CARBIDE CORPORATION OLD RIDGEBURY ROAD, DANBURY, CT 06817

To (Name)	Mr. L. G. Evans	Date	September 11, 1984
Division	UMETCO	Originating Dept	Corporate Transportation Services
Location	Niagara Falls, NY	Area	A1129
Area	615		
Copy to	S. L. Gagliardi W. K. Hall G. Kreuzwieser S. D. Tableman J. A. Vincennie J. H. Wilson	Subject	

Dear Lee:

Thank you for offering Corporate Transportation Services moves of TA-CB ore from Niagara Falls to Uravan, GA. Our rate is \$1 65 per mile (\$1.65 X 1,854 miles = \$3,059).

We understand that TA-CB ore is a "low specific activity (LSA)" radioactive material, with a .06 millicurie level of radiation, requiring radioactive placards for highway transportation. Once emptied, our trailer will be safe for reloading all commodities, including foodstuffs. Upon our advance notification, you could arrange for an inspection of the unloaded trailer to confirm that no residual radiation is present.

We will adhere to the same routing used by Tri State Motor Transit.

New York  
US 62 - I 290 - I 90 - NY 400 - NY 277 - US 20

Pennsylvania  
US 20 - I 79 - I 90

Ohio  
I 90 - I 80

Indiana, Illinois, Iowa, Nebraska, Wyoming  
I 80 - WY 789

Colorado  
CO 13 - I 70 - CO 146 - US 50 - CO 141

Please work with Gary Kreuzwieser, our dispatch planner in Mercer, PA, to schedule each shipment. You can reach Gary on Unicom 8-655-2490.

S. P. Hirshman

SPH/rms

UCCNHT0002904

# TELECON REPORT

TO BILL RUCKER.  
TRI - STATE  
 LOCATION JOPLIN, MISSOURI  
 FROM GIL WALCK  
 LOCATION NIAGARA.  
 SUBJECT SCHADVLING TRUCKS.

DATE 9-18-84  
 TIME 11:10 AM  
 FILE NO 11309  
 DISTRIBUTION:

9-1-800-641-7591

- ✓ ①  
OK ONE TRUCK (VAN 40'). MARIETTA TO URBAN - SEPT. 28, 1984.
- ✓ ②  
OK FOUR TRUCKS - NIAGARA FALLS TO BARNWELL, S.C.  
 ✓ 2 TRUCK OCT 2 (ONE 44' VAN)  
 ✓ 2 TRUCK OCT 3 (COULD BE 40' VAN.)
- ③ GAVE CISLAR CONSTRUCTION OFFICE AS CONTACT PHONE  
 614-373-8597
- ④ GAVE HIGHWAY 7 AND COUNTY ROAD 10 AS LOCATION.  
 CALL RUCKER WITH MORE DETAILED INSTRUCTIONS ON HOW  
 TO GET THERE.

FROM I-77 @ MARIETTA, OHIO TAKE STATE HIGHWAY 7 WEST  
 THRU MARIETTA CONTINUE PAST THE ELKEM METALS  
 PLANT ENTRANCE, TAKE NEXT RIGHT ON TO COUNTY ROAD 10  
 TO UNION CARBIDE PLANT ENTRANCE (ABOUT 1/2 MILE)  
 WILL CALL IN FROM MARIETTA - WE WILL TELL HIM WHERE TO  
MEET US.

TELEPHONE HOURS - 8:00<sup>AM</sup> - 4:30 PM

UNION CARBIDE - BATTERY REVENUES - 614-373-9242



# TELECON REPORT

TO BARNWELL, S.C.  
 LOCATION ANGIE  
 FROM GIL WALCK  
 LOCATION NIAGARA  
 SUBJECT ALLOTMENT FOR October

DATE 9-18-84  
 TIME  
 FILE NO 11309  
 DISTRIBUTION:

8-803-259-3577

OK		<u>VOL</u>	<u>ALLOTMENT No</u>	<u>Boxes</u>	<u>ARRIVE</u>
	Oct 2 SHIPMENT	650 #3	1084-110-A	10	Oct 4
	Oct 2 SHIPMENT	585	1084-111-A	9	Oct 4
	Oct 3 SHIPMENT	585	1084-112-A	9	Oct 5
	Oct 3 SHIPMENT	585	1084-113-A	9	Oct 5
		<u>2405</u>		<u>37</u>	

# TELECON REPORT

TO	CISLER .	DATE	9-18-89
LOCATION	MARIETTA	TIME	
FROM	Gid Walck	FILE NO	11309
LOCATION	NIAGARA	DISTRIBUTION:	
SUBJECT	SHIPPING TRUCK TO URBAN STEVE, 614-373-8597 - WIT MARSHALL.		

CISLER WILL BE READY FOR SHIPPING BOXES TO URBAN ON SEPT. 22.

WILL DO PREPARATORY WORK AS FOLLOWS:

1. OPEN UP MAIN NO OF BOXES TO GAT 6 WITH SOIL ONLY ON SEPT. 26
2. GAW WILL ARRIVE ON SEPT. 27 TO INSPECT BOXES & SELECT 6. FOR SHIPMENT  
BOXES OPENED WILL BE MARKED WITH CONTENTS. THEN SEALED & STRAPPED.
3. WIT MARSHALL WILL ARRANGE FOR USE OF FORK TRUCK FROM UNION CARBIDE.
4. WILL ARRANGE FOR MATERIAL NEEDED TO SEAL BOXES & BAND THEM.
5. WILL ARRANGE FOR WEIGHING TRUCK IN & OUT ON SEPT. 28

TOLD WIT - TRI-STATE HAS THEIR TELEPHONE NO FOR CONTACT  
TELEPHONE AVAILABLE 8:00 - 4:30 P.M.

FORK LIFT TRUCK Available with operator

TELECON REPORT

TO APPLIED HEALTH PHYSICS.  
JOHN DOUGLAS.

DATE 9-18-84

LOCATION PITTSBURGH, PA.

TIME

FROM GIL WALCK

FILE NO 11309

LOCATION NICHOLSON

DISTRIBUTION:

SUBJECT RETURN ALPHA METER  
CALIBRATION Umetec NR Meter -

8-1-412-563-2242

ON 9-26-84

OK/  
landw.  
\$50 - calibration  
\$15 - Service charge - Rush, takes 15 minutes  
Pay out of Betty's bank?

0.001500

Th 3502 ppm  
U 1390 ppm

$$\frac{15 \times 10^{-4}}{1 \times 10^6}$$

$$1500 \times 10^{-6} \times 3.33 \times 10^5 = 4995 \text{ pCi/gm}$$

$$15 \times 10^{-2} = 1500$$

$$1.5 \times 10^5$$

$$U \frac{1500}{1 \times 10^6} \times 3.33 \times 10^5 \text{ pCi/gm}$$

$$499.5 \text{ pCi/gm}$$

$$Th \frac{5500}{1 \times 10^6} \times 1.09 \times 10^5 \text{ pCi/gm}$$

$$599.5 \text{ pCi/gm}$$

$$1099 \text{ pCi/gm}$$

$$1.99 \text{ mCi/gm}$$

$$.002 \text{ } \mu\text{Ci/gm}$$

$$1.99 \text{ } \mu\text{Ci/gm}$$

$$1000 \text{ mCi/gm} = 1 \text{ Ci/gm}$$

$$1 \times 10^6 \text{ } \mu\text{Ci/gm} = 1 \text{ Ci/gm}$$

$$1 \times 10^9 \text{ nCi/gm} = 1 \text{ Ci/gm}$$

$$1 \times 10^{12} \text{ pCi/gm} = 1 \text{ Ci/gm}$$

$$\frac{1.099 \times 10^3}{1 \times 10^{12}}$$

$$1.099 \times 10^{-9} \text{ Ci/gm}$$

$$499500 \text{ pCi/gm}$$

$$599500$$

$$1099000 \text{ pCi/gm}$$

$$\frac{1.099 \times 10^6}{1 \times 10^{12}}$$

$$\begin{array}{r} 8000 \\ 3800 \\ \hline 4100 \end{array}$$

$$1.099 \times 10^{-6}$$

$$.000001$$

To: - Purchasing Dept.  
From: - Engineering Dept.  
Please Obtain Bids on Items Covered by  
Subject Specification from Listed Bidders

Subject: Spec. Nos. \_\_\_\_\_

1. ATTACHMENTS FOR QUOTATION:

Plant Location \_\_\_\_\_ File \_\_\_\_\_

9. RECOMMENDED BIDDERS: Page 1 of \_\_\_\_\_

\_\_\_\_\_ COPIES, SPECIFICATION

A. \_\_\_\_\_

\_\_\_\_\_ COPIES, PROPOSAL FORM

\_\_\_\_\_

\_\_\_\_\_ COPIES, DRAWINGS

\_\_\_\_\_

2. BIDS TO BE RECEIVED BY: \_\_\_\_\_

B. \_\_\_\_\_

3. EQUIPMENT NEEDED BY: \_\_\_\_\_ NO EARLIER THAN \_\_\_\_\_

\_\_\_\_\_

4. APPROVAL/FINAL PRINTS BY \_\_\_\_\_ NO LATER THAN \_\_\_\_\_

C. \_\_\_\_\_

5. TECHNICAL CONTACT: \_\_\_\_\_

\_\_\_\_\_

NAME \_\_\_\_\_ PHONE \_\_\_\_\_

\_\_\_\_\_

6. PLEASE SEND COPIES OF THE R.F.Q. PACKAGE, WITH A COPY OF THIS TRANSMITTAL TO:

D. \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

\_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

\_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

E. \_\_\_\_\_

☐ \_\_\_\_\_ ☐ \_\_\_\_\_

\_\_\_\_\_

7. PLEASE HAVE BIDDERS SEND COPIES OF THEIR PROPOSALS TO:

10. REMARKS: \_\_\_\_\_

A. \_\_\_\_\_ ENGR. DEPT.

\_\_\_\_\_

B. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. ESTIMATED COST: \$ \_\_\_\_\_

(SIGNATURE) \_\_\_\_\_ (DATE) \_\_\_\_\_

To: S.C. ZAMBOTTI - PURCHASING DEPT.  
From: G.E. WALCK ENGINEERING DEPT.

3. In addition to normal distribution, Purchasing to send validated copy of P.O. and Spec. to:

cc: ☒ L.G. EVANS ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

☒ L.G. EVANS ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_  
☐ \_\_\_\_\_ ☐ \_\_\_\_\_

Please complete, validate and place attached P.O. No. PURCH. REQ.

1. ATTACHMENTS FOR PURCHASE

4. Remarks: \_\_\_\_\_

\_\_\_\_\_ COPIES, SPECIFICATION

\_\_\_\_\_ COPIES, BID ANALYSIS

3 COPIES, DRAWINGS

2. RECOMMENDED SUPPLIER: \_\_\_\_\_

S.E. Walck 5-22-64  
(DATE)

10R872B

REQUISITIONER—ENTER DATA UNDER RED CAPTIONS

PRINTED IN U.S.A.

COM CODE	CFA	SUP	ACCTG UNIT CODE	REQUISITIONED BY	PHONE	BLG/HM	DATE	NAME	DELIVER TO	LOCATION	NO. E-C
			— 0	G.E. WALCK	270-3361		5-22-84	G.E. WALCK	BLDG 166	Niagara	
APPROVED BY SIGNATURE				TO BE USED FOR							
<i>L. E. Evans 5/26/84</i>				LOADING HOPPER FOR RESIDUE REMOVAL							
APPROVED BY PRINT OR TYPE NAME				DATE	LAST P.O. NUMBER	DATE WANTED					
				FILE 11309	6-15-84						

UNION CARBIDE CORPORATION  
METALS DIVISION

THIS ORDER NOT  
BINDING UNLESS  
UCC  
VALIDATION APPEARS

PAGE \_\_\_\_ OF \_\_\_\_

VENDOR

HEREINAFTER CALLED "BUYER"

MAIL INVOICE IN DUPLICATE TO

UNION CARBIDE CORPORATION  
Metals Division

SHIP TO

UNION CARBIDE CORPORATION  
Metals Division

137-47TH STREET  
NIAGARA FALLS, N.Y. 14302

HEREINAFTER CALLED "SELLER"

BUYER HEREBY ORDERS UPON THE TERMS HEREIN CONTAINED, INCLUDING THE ADDITIONAL TERMS ON THE REVERSE SIDE HEREOF

TERMS OF PAYMENT

TRANSPORTATION TERMS

F O B POINT

SHIP TO ARRIVE BY		NET 30	% DISC.	10 DAYS	15TH PROR.	OTHER	PREPAID		OTHER	SHIP POINT		DEST	OTHER		
6-15-84							ACCT OF BUYER 1	ACCT OF SELLER 2	3	1	2	3			
TAX %		TAXES SEE SPECIAL INSTRUCTIONS		TAX EXEMPTION NO		SHIP VIA	PARCEL POST	TRUCK	UPS	MAIL	AIR FRT	OTHER (SPECIFY ROUTING)			
YES		NO													
ITEM NO	QUANTITY RECEIVED	X CA	QUANTITY ORDERED	U / M	DESCRIPTION				UNIT PRICE	STORES ACCOUNT	MATERIAL CODE		FIRST NO	SECOND NO	SHOP ORDER
1			ONE BA.		CONTAINER LOADING HOPPER						84-615-885-10-100-2				
					PER DRAWING SF-7960 FABRICATED FROM STRUCTURAL STEEL PLATE & SHAPES.										
					EST. COST \$1500.00										
REQUISITIONER'S DESCRIPTION (17) CHARACTER LIMITATION															
PURCHASING AGENT'S NAME															

THIS ORDER SEDES ORAL ORDER OF

DATE

WITH

VENDOR REPRESENTATIVE

DO NOT DUPLICATE

TYPE OF PRINT

020889

UCCNHT0002911

UNION CARBIDE CORPORATION METALS DIVISION

DRAWING NUMBER

SF-7968

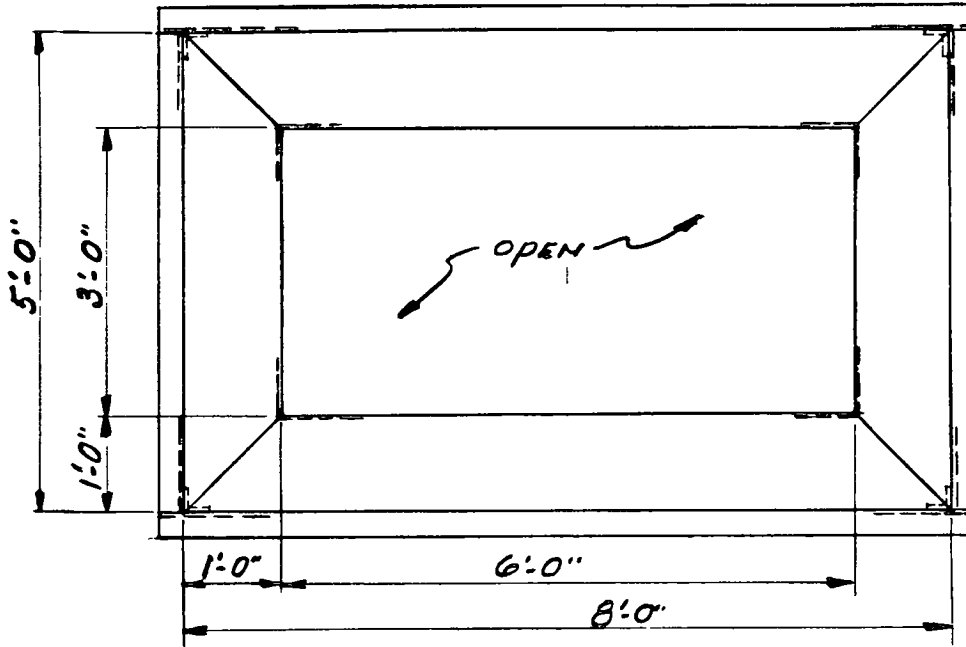
930 256

FILE NO

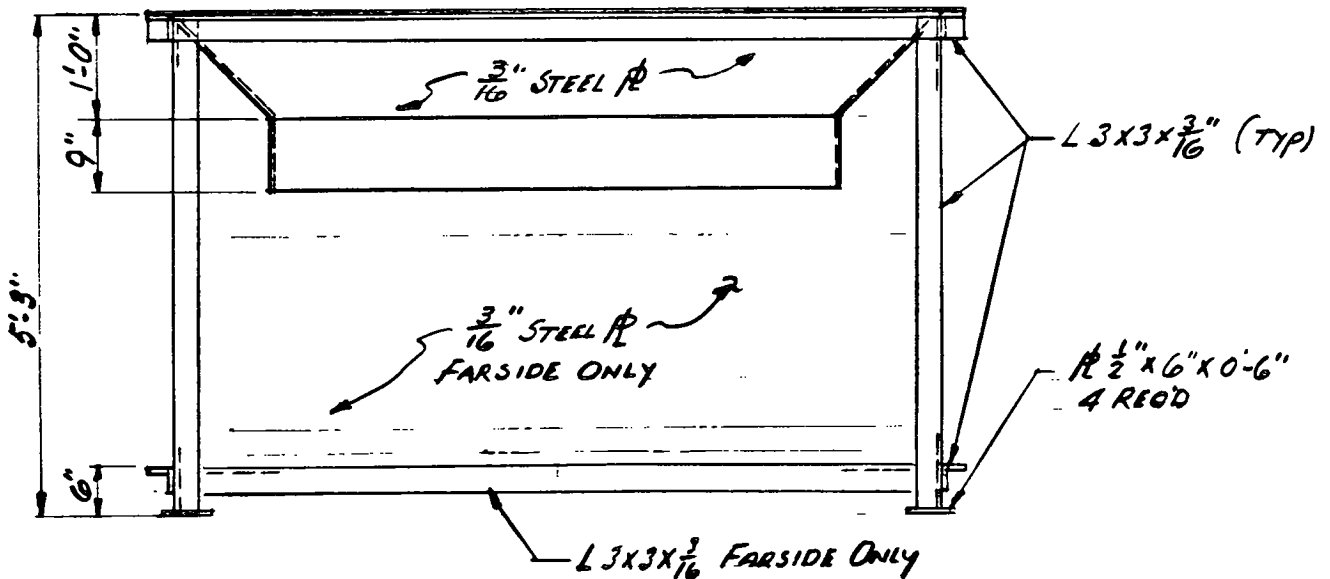
11309

TITLE CONTAINER LOADING HOPPER

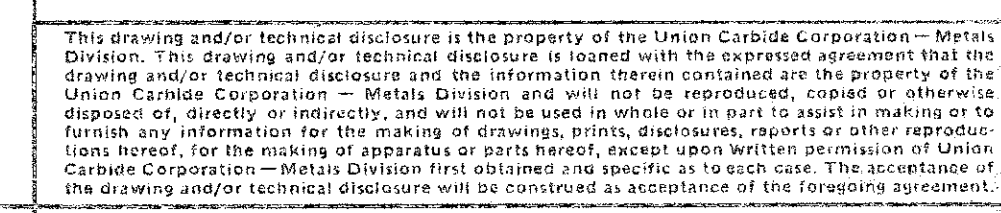
PLANT	DEPARTMENT	BLDG NO	DRAWN BY	CHECKED BY	APPROVED	EX	ACC ENG	DATE	DRAWING SCALE
NIAGARA	YARD	-	GEW				ASE	5-22-84	1/2" = 1'-0"
REV									
REV									



PLAN

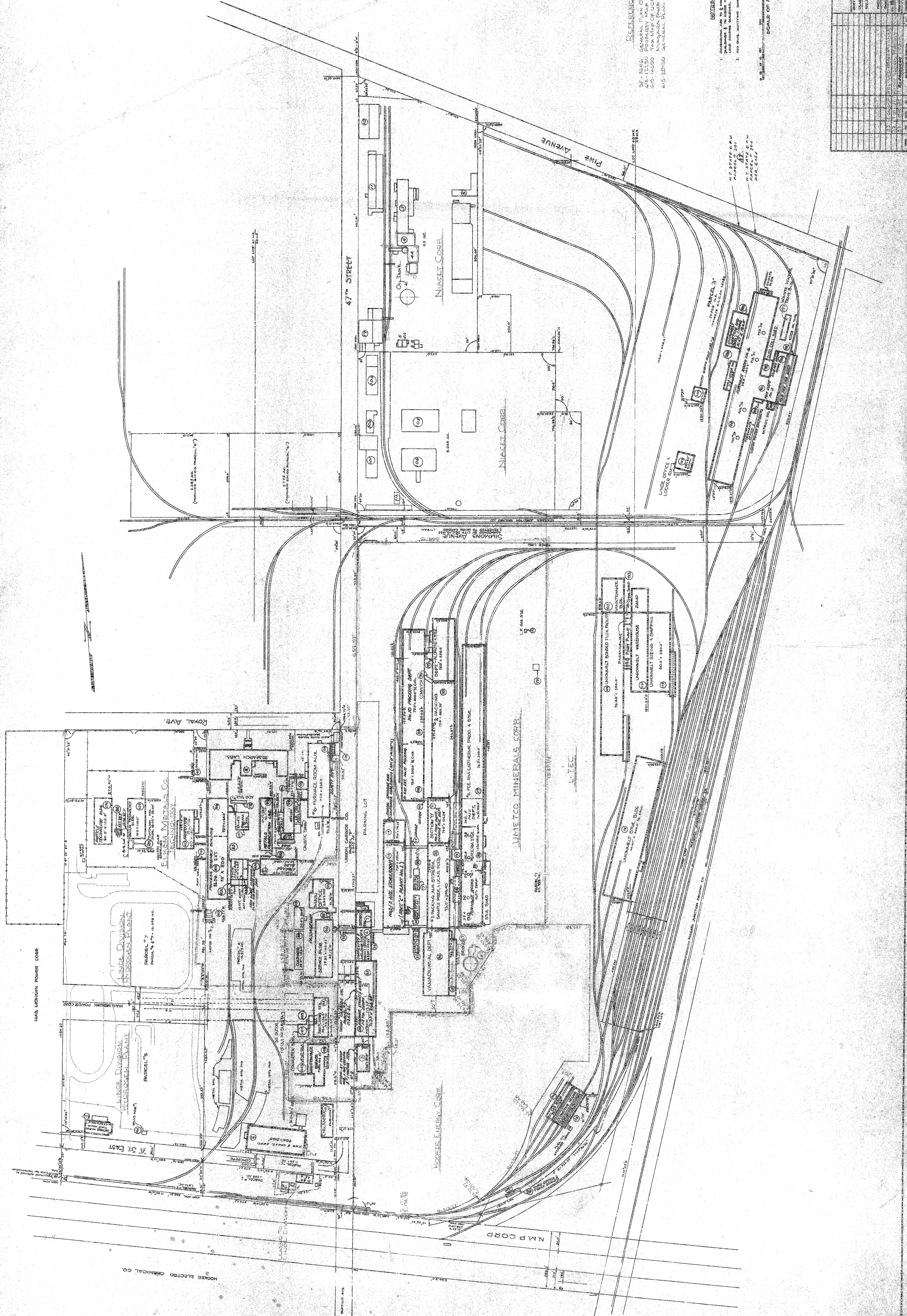


ELEVATION



UCCNHT0002913





REVISIONS  
1. GENERAL PLAN OF BUILDINGS & TRACKS  
2. GENERAL PLAN OF BUILDINGS & TRACKS  
3. GENERAL PLAN OF BUILDINGS & TRACKS  
4. GENERAL PLAN OF BUILDINGS & TRACKS  
5. GENERAL PLAN OF BUILDINGS & TRACKS  
6. GENERAL PLAN OF BUILDINGS & TRACKS  
7. GENERAL PLAN OF BUILDINGS & TRACKS  
8. GENERAL PLAN OF BUILDINGS & TRACKS  
9. GENERAL PLAN OF BUILDINGS & TRACKS  
10. GENERAL PLAN OF BUILDINGS & TRACKS

NOTES  
1. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
2. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
3. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
4. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
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8. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
9. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN  
10. DIMENSIONS ARE TO BE MAINTAINED AS SHOWN

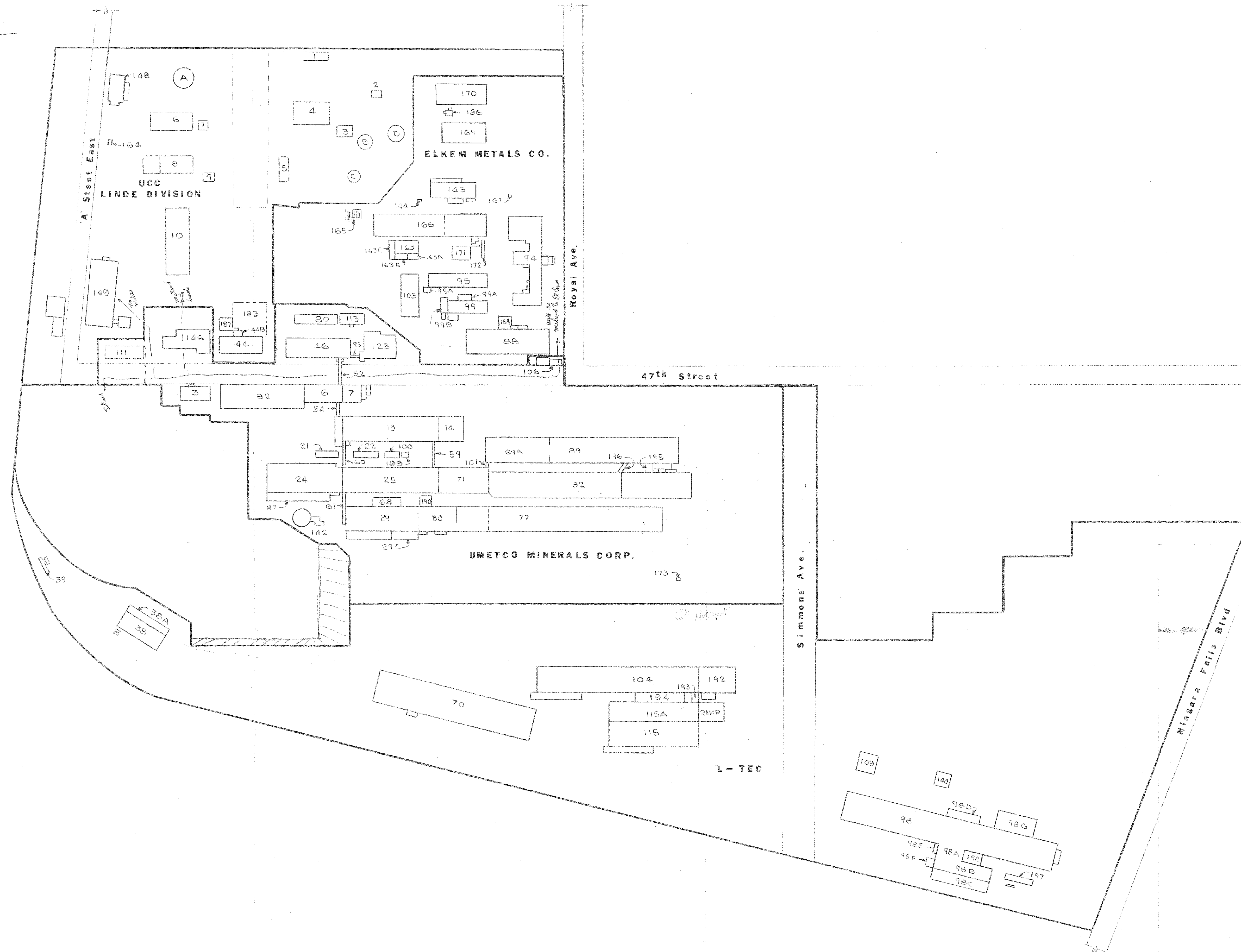
SCALE OF FEET  
0 10 20 30 40 50 60 70 80 90 100

UNION CARBIDE CORPORATION	DATE	1/1/50
OLDFIELD DIVISION	PROJECT	GENERAL PLAN OF BUILDINGS AND TRACKS
GENERAL PLAN OF BUILDINGS AND TRACKS	DESIGNED BY	W. H. HARRIS
GENERAL PLAN OF BUILDINGS AND TRACKS	CHECKED BY	W. H. HARRIS
GENERAL PLAN OF BUILDINGS AND TRACKS	APPROVED BY	W. H. HARRIS
GENERAL PLAN OF BUILDINGS AND TRACKS	DATE	1/1/50
GENERAL PLAN OF BUILDINGS AND TRACKS	PROJECT	GENERAL PLAN OF BUILDINGS AND TRACKS
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GENERAL PLAN OF BUILDINGS AND TRACKS	APPROVED BY	W. H. HARRIS
GENERAL PLAN OF BUILDINGS AND TRACKS	DATE	1/1/50

1510810



615-20227



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<b>UNION CARBIDE CORPORATION</b>	
METALS DIVISION	
WORKS: NIAGARA	
DEPT.:	UNIT: BLDG. NO.
TITLE: GENERAL PLAN OF NIAGARA PLANT	
PROJECT:	
TECHNOLOGY DEPT. ENGINEERING	DATE: 3-4-86
NIAGARA FALLS, N. Y.	DATE: 3-6-86
DR. DGF	SCALE: 1" = 150'
ACCT. ENGR.	FILE NO.
APPROVED	615-20227